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ABSTRACT

Results of a survey of the employment status of Pennsylvania college graduates are presented. A total of 39,207 graduates were surveyed (about 66.1 percent of the graduates at all degree levels). Statistical tables and narrative explanations cover: associate degree graduates, baccalaureate graduates, baccalaureate graduates in fields other than education, master's degree graduates, doctoral degree graduates, and first-professional degree graduates. Attention is directed to the proportions of graduates in each degree field and level that are: (1) employed in their field of preparation, (2) employed in another field, (3) employed in Pennsylvania, (4) employed part-time, (5) unemployed, (6) in military service, (7) seeking an advanced degree, or (8) engaged in some other activity. Also assessed was how differences in postgraduation activities were affected by institutional type: state colleges and universities, state-related, state-aided, and private institutions, community colleges, and proprietary schools. Information is also provided on the fields in which graduates are employed. Information on the sampling adequacy of the study group is included. (SW)

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Postgraduation Activities:

All Degree Levels In Pennsylvania

1982

Pennsylvania Department of Education

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* Available only on request

I. SUMMARY

Purpose

This study summarizes findings concerning the postgraduate activity of higher education graduates at all degree levels in 1982. The study answers such questions as:

...How many graduates were employed? Underemployed? Unemployed? Pursuing an advanced degree?

...How many employed graduates held jobs in Pennsylvania?

...How many graduates held jobs for which they had been prepared?

...What was the relative employment success for graduates in each major discipline and degree field?

...What differences existed in the postgraduation activities of students graduating from each type of institution?

...What has been the employment experience of the certificated education graduate of 1982?

Procedures

This report is based upon two separate data sets. The first data set consists of the reported postgraduate activities of the certificated graduates of Pennsylvania's institutions of higher education as reported annually to the Division of Data Services of the Pennsylvania Department of Education's Bureau of Information Systems. This data set did not include graduates who did not seek a Pennsylvania teaching certificate. The Division of Data Services provided information on the postgraduate activities of 4,535 of the 7,172 graduates who were certificated in 1982, i.e., about 63.2 percent.

In terms of institutional sector representation, data on certificated graduates was made available for 66.9 percent of the State System of Higher Education graduates, 27.0 percent of the state-related institution graduates, 85.0 percent of the graduates of the state-aided colleges and universities, and 84.8 percent of the graduates of the state's private colleges and universities.

The second primary data set consisted of information concerning the postgraduate activities of baccalaureate graduates (Education graduates excluded), associate degree graduates, master's degree graduates, doctoral degree graduates, and first-professional degree graduates gathered by means of a survey instrument sent annually to cooperating colleges and universities in the Commonwealth.

These institutions provided useable data on 39,207 of the 59,308 graduates of these cooperating institutions in 1982, i.e., about 66.1 percent of their 1982 graduates. Thirteen (92.9%) of the fourteen state system of higher education institutions, all (100%) of the four state-related universities, seven (58.3%) of the twelve private state-aided colleges and universities, fifty-one (60.7%)

of the eighty-four private independent colleges and universities, ten (71.4%) of the fourteen community colleges, and, in addition to the Stevens State School of Technology, twenty-seven (46.5%) of the fifty-eight proprietary schools of Pennsylvania were included in the survey.

Results

By 1982 the full-time employment rate for baccalaureate graduates (exclusive of education graduates) had decreased from the 1981 rate of 67.6 percent to 62.9 percent with a concomitant rise in unemployment from 11.7 percent to 14.3 percent and a rise in part-time work from 4.7 percent to 5.4 percent. The proportion finding full-time employment in the field for which they had prepared had, nevertheless, risen from 75.9 percent to 80.4 percent.

A similar pattern of decline in the rate of full-time employment was also noted for master's degree graduates (81.2% to 78.4%) doctoral degree graduates (91.7% to 85.9%), first-professional degree graduates (96.1% to 92.8%), and, most notably, for the associate degree graduates (70.2% to 60.7%). This pattern of decline is believed to be a reflection of the recent economic downturn and therefore not necessarily a long-term trend.

At both the associate and baccalaureate degree levels, the lower full-time employment rate was reflected by higher unemployment and part-time employment rates rather than by an increase in advanced degree work. In contrast, the higher level degree graduates (masters, doctoral and first-professional) had a pattern of increased advanced degree work and increased part-time employment rather than increased unemployment.

In terms of disciplines, full-time employment at the baccalaureate level was highest for graduates in the health professions (86.6%), engineering (77.6%) computer and information sciences (73.1%), home economics (69.6%), theology (69.2%), mathematics (68.8%), architecture and environmental design (68.2%), business and management (67.8%), and library science (66.7%). Of the above, only theology and architecture/environmental design's full-time employment rate had increased over the preceding year's rate.

In the case of certificated graduates, it was found that the highest rate of full-time employment (as a teacher) was for those in the area of special education (64.6%), followed by elementary and early childhood (57.5%), secondary education (57.0%), and, finally, for those holding the combined (K-12) certificate (50.7%).

In terms of more specific disciplines, the highest proportions of certificated graduates teaching full-time were found for: physics (100%), education of the visually handicapped (84.6%), accounting (80.9%), chemistry (77.3%), vocational education (76.2%), library science (76.0%), mathematics (75.2%), physics and mathematics (75.0%), typewriting (72.2%), and the education of the mentally and physically handicapped (72.1%).

The lowest rates of full-time employment in teaching were found for: earth and space sciences (26.3%), data processing (33.3%), agriculture (33.3%), speech correction (36.9%), communications (33.9%), health and physical education (38.3%), art (43.2%), social studies (46.8%), Italian (50.0%), marketing (50.0%) and German (50.0%).

Because a simple full-time employment rate may be misleading in the case of those disciplines which are characterized by a high proportion of baccalaureate graduates going on for work on a graduate degree, the rate of full-time employment for only those graduates who were in the labor market was also computed for each degree field. For example, it was found that, for the baccalaureate degree, the health professions (94.1%), theology (92.3%), engineering (85.6%), mathematics (84.6%), home economics (79.6%), computer and information sciences (76.5%), psychology (72.7%), business and management (72.6%), architecture and environmental design (72.5%), and the social sciences (72%), had the highest rate of full-time employment when unemployed graduates who were in graduate school or were not seeking employment were excluded. The lowest rates of full-time employment for baccalaureate graduates in the labor market were found for the following fields: law (42.9%), foreign languages (62.9%), area studies (63.2%), interdisciplinary studies (64.8%), fine and applied arts (66.7%), library science (66.7%), biological sciences (67.8%), communications (68.6%), letters (69.0%), and physical sciences (70.6).

Similar labor market employment computations for the certificated education graduates resulted in a finding of high full-time teaching employment for the following fields: chemistry (90.0%), accounting (85%), library science (83.0%), mathematics (81.0%), French (80.0%), home economics (76%), typewriting (72.0%), English (70.0%), and Spanish (70.0%).

The certificated graduates who had the least success in finding employment in the labor market were the graduates in the disciplines of: earth and space sciences (33.0%), communications (42%), health and physical education (46%), art (51.0%), social studies (55.0%), secretarial sciences (58.0%), German (64.0%), music (65.0%), general science (68.0%), biology (69.0%), and industrial arts (69.0%).

Findings for graduates in 1981 compared with 1982 are shown below.

	Comparison of Postgraduation Activities								Full-Time Employed			
	Full-Time Employed		Part-Time Employed		Not Employed		Advanced Degree		In Field Prepared		Employed in Pa.	
Level	1981	1982	1981	1982	1981	1982	1981	1982	1981	1982	1981	1982
Associate	70.2	61.3	3.5	5.7	6.6	12.1	19.7	17.2	88.2	84.9	84.5	84.2
Bachelor's	67.6	62.9	4.7	5.4	11.7	14.3	16.0	16.2	75.9	80.4	66.1	66.0
Master's	81.2	78.4	3.0	4.0	6.1	5.9	9.6	10.8	89.3	89.3	69.9	70.7
Doctoral	91.7	85.9	3.5	6.6	3.2	3.5	1.6	3.7	95.3	95.2	41.3	46.3
First-Prof	96.1	92.8	0.3	0.7	2.1	1.7	1.5	3.8	99.5	99.3	54.9	61.5

II. INTRODUCTION

The employment success of higher education graduates is of interest to higher education administrators, especially in times of financial inflation, economic downturn, and dwindling enrollments. Authorized by the Office of Higher Education of the Pennsylvania Department of Education, this report is the tenth in a series of reports designed to supply information useful to students, counselors, and educational planners.

III. PROCEDURES

Objectives

Answers to the following questions were sought. What proportion of graduates in each degree field and degree level were: (1) employed in their fields of preparation, (2) employed in a field other than that for which they were prepared, (3) employed in Pennsylvania, (4) employed part-time, (5) unemployed, (6) in military service, (7) seeking an advanced degree, or (8) engaged in some other activity, i.e., not seeking employment? What differences are there in these postgraduation activities by institutional type -- state system, state-related, private state-aided, private independent, proprietary and state school of technology? How do the answers to these questions for the 1982 graduates compare with those reported for the 1981 graduates?

Methodology

In addition to certificated (1982) baccalaureate graduates in education for whom information was separately obtained, the subjects of this study were those who graduated between January 1982 and August 1982 from all degree programs in Pennsylvania's institutions of higher education. In the Fall of 1982, forms were sent to contact persons of each postsecondary institution. These contact persons are usually career services officers appointed by their institutions to cooperate in this study. Of the 187 institutions of higher education 113 (60.4 %) provided useable information by the time the data were to be subjected to analysis (Table 0.0).

Data collection methods used by the institutions varies depending upon the survey method developed by each institution. For instance, one college surveys continuously by including a survey card with the employment opening lists that are sent periodically to its graduates. Upon employment, these graduates are requested to complete and return the card. Another institution surveys its graduates at intervals, such as December graduates in March, May graduates in August, and August graduates in September. Other institutions survey all of their graduates around mid-November. In December, intensive follow-up procedures are then initiated to obtain information from non-respondents. No matter which method is used, institutions do generally obtain their data five to six months after graduation.

This report contains information on 39,207 graduates (66.1%) of the 59,308 associate, baccalaureate, master's, doctoral and first-professional degree graduates (excluding baccalaureate education graduates) who graduated in 1982 from 113 cooperating institutions. (See Tables 0.0 to 0.4.) In addition, the Division of Data Services of the Pennsylvania Department of Education's Bureau

TABLE 0.0

PENNSYLVANIA HIGHER EDUCATION INSTITUTIONAL
REPRESENTATION BY CATEGORY OF INSTITUTION

Institutional Category	Pennsylvania Institutions[1]	Responding Institutions[2]	Percentage of All Institutions
State System	14	13	92.9
State-Related	4	4	100.0
State-Aided	12	7	58.3
Private	84	51	60.7
Community Colleges	14	10	71.4
Proprietary Schools	58	27	46.6
State School of Technology (Thaddeus Stevens)	1	1	100.0
TOTAL	187	113	60.4

[1] Although there are 187 institutions listed not all were contacted. Some could not participate at this time, some had no follow-up program and no plans to establish one, some did not collect their follow-up data in the required format and a few were not able to participate in this voluntary program for fiscal or other reasons.

[2] The actual number of responding institutions was really 117 but two were unable to return the survey forms until after the data had already been analyzed, another did not provide data in the required format and one was only able to provide incomplete data for the prior year of 1981.

of Information Systems provided information on 4,535 (63.2%) of the 7,172 baccalaureate graduates who were certificated in 1982 to teach in Pennsylvania.

More detailed information concerning the sampling of the graduates of each type of higher education institution and of the graduates in each of the major degree field disciplines can be found in Tables 0.1, 0.2, 0.3, 0.4, 1.1 and 1.2 of this report.

In several prior studies of this series of reports, no significant differences were found between survey respondents (graduates) and non-responding graduates when follow-up studies of the latter were made. Since the present study is similar to its predecessors with the exception of the use of independently gathered data on certificated baccalaureate graduates, the sampling of the respondents is believed to be reasonably reflective of all graduates wherever the samples are reasonably large relative to all graduates in a given response category.

While generally adequate, sampling size was not as large in the case of the higher level degrees as for the associate and baccalaureate graduates and the state-related universities (Tables 0.1 and 0.2). With regard to certificated graduates (Table 1.0) the sector sampling was found to be weak for the state-related universities (27.0%) even though reasonably adequate overall (63.2%).

As might be expected, the adequacy of the sampling also varied with the nature of the discipline in which the graduates had obtained a degree (Tables 0.3, 0.4 and 1.2). The associate degree and baccalaureate degree major disciplines were, in general, well represented (Tables 0.3 and 0.4) but this was less true of the higher degrees where the degree field samples varied markedly (Table 0.4). Of the major degree fields for certificated graduates (Table 1.1) only graduates certificated in vocational education (12.8%) and agriculture (13.3%) were not sampled in substantial proportions.

Organization of this Report

The body of the report consists of tables and narrative concerning findings for:

1. Certificated baccalaureate graduates.
2. Baccalaureate graduates in fields other than education.
3. Master's degree graduates.
4. Doctoral degree graduates.
5. First-professional degree graduates.
6. Associate degree graduates.

The appendix (Tables 7.0 to 12.2) contains further, more detailed, information for those persons concerned with a specific discipline within a given institutional sector or overall institutions. Some of the detailed tables for the graduate degrees have, however, been omitted from the appendix in order to reduce the size of this publication. Those having need for the omitted information may request a copy of any or all of the following omitted tables:

Table 13.0 Detailed Degree Field Employment Status for Master's Degree Recipients from the State System of Higher Education in Pennsylvania, 1982

Table 13.1 Detailed Degree Field Employment Status for Master's Degree Recipients from the State-related Institutions in Pennsylvania, 1982

Table 13.2 Detailed Degree Field Employment Status for Master's Degree Recipients from the State-aided Institutions in Pennsylvania, 1982

Table 13.3 Detailed Degree Field Employment Status for Master's Degree Recipients from the Private Institutions in Pennsylvania, 1982

Table 14.0 Detailed Degree Field Employment Status for Doctoral Degree Recipients from All Sampled Institutional Sectors in Pennsylvania, 1982

In addition, Tables 0.1 through 0.4 are to be found in the following pages. They are a summation of the sampling adequacy of the study in terms of the proportion of graduates represented and the proportion of institutions represented. For most categories the proportions are sufficiently high to warrant reasonable confidence in the results especially in light of previous studies of non-respondent graduates which found no significant difference between responding and non-responding graduate activity patterns.

TABLE 0.1

NUMBER OF RETURNS RECEIVED FOR ASSOCIATE DEGREE GRADUATES COMPARED WITH THE NUMBER OF GRADUATES FOR ALL SAMPLED INSTITUTIONS[1] IN PENNSYLVANIA BY INSTITUTIONAL CATEGORY, 1982

INSTITUTIONAL CATEGORY	ASSOCIATE DEGREES	NUMBER OF RETURNS	PERCENT OF RETURNS
Colleges and Universities	2781	1944	69.9
Community Colleges	6332	4160	65.7
Proprietary Institutions	2848	2778	97.5
State Technology Schools	68	56	82.4
TOTAL	12029	8938	74.3

[1] This table does not include junior colleges.

TABLE 0.2

NUMBER OF RETURNS RECEIVED FROM PENNSYLVANIA GRADUATES AT FOUR DIFFERENT DEGREE LEVELS COMPARED WITH THE NUMBER OF GRADUATES FOR EACH INSTITUTIONAL CATEGORY, 1982[1]

INSTITUTIONAL CATEGORY		ALL GRAD	ALL RETRN	BACL GRAD	BACL RETRN	MSTR GRAD	MSTR RETRN	DCTR GRAD	DCTR RTRN	1ST-PRF GRAD	1ST-PRF RTRN
State System of Higher Education	#	9710	6362	8011	5432	1687	920	12	10	0	0
	%		65.5		67.8		54.5		82.3		.0
State-Related	#	20373	9754	13704	7059	4661	1555	1134	404	874	736
	%		47.9		51.5		33.4		35.6		84.2
State-Aided	#	1891	1730	613	518	93	93	21	21	1174	1098
	%		91.5		85.9		100.0		100.0		93.5
Private Coll. & Univ.	#	15872	12806	14123	11550	1253	846	118	81	378	329
	%		80.7		81.8		67.5		68.6		87.0
TOTAL	#	47846	30652	36441	24559	7694	3414	1285	516	2426	2163
	%		64.1		67.4		44.4		40.2		89.2

[1] Certificated baccalaureates in Education and associate degree graduates are not included in this table. The table, however, does include a small number of education graduates as reported by some institutions even though they were not requested to do so. Total baccalaureate figures in this table will therefore not be in precise agreement with those of Table 0.4 where these graduates could be excluded. Data on associate degree graduates can be found in Table 0.1.

TABLE 0.3

ASSOCIATE DEGREE RETURNS COMPARED WITH THE NUMBER OF PENNSYLVANIA ASSOCIATE DEGREE GRADUATES LISTED BY MAJOR DISCIPLINE, 1982[1]

MAJOR DISCIPLINE	ASSOCIATE DEGREES	NUMBER OF RETURNS	PERCENT OF RETURNS
Arts and Science Transfers	1653	972	58.8
Business and Commerce Technologies	3227	2487	77.1
Data Processing Technologies	901	711	78.9
Health Services and Paramedical Technologies	2158	1548	71.7
Mechanical and Engineering Technologies	3161	2638	83.5
Natural Science Technologies	312	234	75.0
Public Service Related Technologies	617	348	56.4
TOTAL	12029	8938	74.3

[1] This table does not include junior colleges.

TABLE 0.4

NUMBER OF RETURNS RECEIVED FROM FOUR DIFFERENT DEGREE LEVELS OF GRADUATES IN A MAJOR DISCIPLINE COMPARED WITH THE TOTAL NUMBER GRADUATING AT THAT LEVEL IN 1982[1]

MAJOR DISCIPLINE		ALL GRAD	ALL RETRN	BACL GRAD	BACL RETRN	MSTR GRAD	MSTR RETRN	DCTR GRAD	DCTR RTRN	1ST-PRF GRAD	1ST-PRF RTRN
Agriculture and Natural Resources	#	1014	737	945	702	54	30	15	5	0	0
	%		72.7		74.3		55.6		33.3		--
Agriculture and Environmental Design	#	221	141	174	110	47	31	0	0	0	0
	%		63.8		63.2		66.0		--		--
Area Studies	#	55	27	43	21	12	6	0	0	0	0
	%		49.1		48.8		50.0		--		--
Biological Sciences	#	2254	1596	2014	1477	151	80	89	39	0	0
	%		70.8		73.3		53.0		43.8		--
Business and Management	#	9886	6720	8620	6188	1231	517	35	15	0	0
	%		68.0		71.8		42.0		42.9		--
Communications	#	1658	1083	1594	1057	63	25	1	1	0	0
	%		65.3		66.3		39.7		100.0	--	
Computer and Information Sciences	#	1522	924	1287	858	211	51	24	15	0	0
	%		60.7		66.7		24.2		62.5		--
Education[1]	#	2947	1359	(see footnote)		2518	1189	429	170	0	0
	%						47.2		39.6	0	--
Engineering	#	3889	2493	3251	2142	530	293	108	58	0	0
	%		64.1		65.9		55.3		53.7	0	--
Fine and Applied Arts	#	1508	837	1284	743	216	92	8	2	0	0
	%		55.5		57.9		42.6		25.0		--
Foreign Languages	#	419	252	360	231	50	19	9	2	0	0
	%		60.1		64.2		38.0		22.2		--
Health Professions	#	5947	4255	3441	2398	497	157	156	56	1853	1644
	%		71.5		69.7		31.6		35.9		88.7
Home Economics	#	924	681	847	624	60	50	17	7	0	0
	%		73.7		73.7		83.3		41.2		--

TABLE 0.4 (continued)

NUMBER OF RETURNS RECEIVED FROM FOUR DIFFERENT DEGREE LEVELS OF GRADUATES IN A MAJOR DISCIPLINE COMPARED WITH THE TOTAL NUMBER GRADUATING AT THAT LEVEL IN 1982[1]

MAJOR DISCIPLINE		ALL GRAD	ALL RETRN	BACL GRAD	BACL RETRN	MSTR GRAD	MSTR RETRN	DCTR GRAD	DCTR RTRN	1ST-PRF GRAD	1ST-PRF RTRN
Interdisciplinary Studies	#	594	296	525	262	59	30	10	4	0	0
	%		49.8		49.9		50.8		40.0		--
Law	#	767	611	21	14	173	78	0	0	573	519
	%		79.7		66.7		45.1		--		90.6
Letters	#	2042	1130	1784	1029	202	79	56	22	0	0
	%		55.3		57.7		39.1		39.3		--
Library Science	#	165	31	3	3	142	23	20	5	0	0
	%		18.8		100.0		16.2		25.0		--
Mathematics	#	537	364	451	330	69	28	17	6	0	0
	%		67.8		73.2		40.6		35.3		--
Physical Sciences	#	1687	1067	1382	951	190	77	115	39	0	0
	%		63.2		68.8		40.5		33.9		--
Psychology	#	1992	1228	1700	1056	232	148	60	24	0	0
	%		61.6		62.1		63.8		40.0		--
Public Affairs and Services	#	2921	1603	2147	1302	736	288	38	13	0	0
	%		54.9		60.6		39.1		34.2		--
Social Sciences	#	4183	2706	3859	2555	246	118	78	33	0	0
	%		64.7		66.2		48.0		42.3		--
Theology	#	147	128	142	123	5	5	0	0	0	0
	%		87.1		86.6	100.0			--		--
TOTAL[1]	#	47279	30269	35874	24176	7694	3414	1285	516	2426	2163
	%		64.0		66.4		44.4		40.2		89.2

[1] This table does not include findings for 7,172 baccalaureate graduates in education. Data on certificated graduate return rates may be found in Tables 1.0, 1.1 and 1.2. Certificated graduate data could not be included due to problems such as double counting.

IV. RESULTS FOR CERTIFICATED GRADUATES

In contrast to previous years, the survey form for the 1982 graduates did not ask for data on the postbaccalaureate activities of education graduates. An attempt was made to utilize instead the findings of the Division of Data Services of the Bureau of Information Systems concerning the postgraduate activities of certificated graduates from the state's higher education institutions. This was done in order to reduce unnecessary duplication of effort on the part of the responding institutions.

Unfortunately it has become apparent that this data does not actually represent the education graduate population normally sampled in this series of reports. For example, uncertificated graduates are not represented. This, coupled with differences in the nature of the information provided by the two survey instruments, has resulted in a decision to return, in future years, to a survey of all graduates.

Findings by Institutional Type

Table 1.0 gives findings, by institutional sector, of the Division of Data Services concerning 4,535 (63.2%) of 7,172 certificated graduates. As noted earlier, the response rate for the state-related institutions was too low for those findings to be utilized with any degree of confidence. Findings for the state-related institution's certificated graduates will be discussed in the narrative that follows but should be treated with caution.

The greatest proportion of certificated graduates engaged in full-time teaching occurred in the case of the certificated graduates of Pennsylvania's independent private colleges and universities (64.6%), with the state system ranking second (55.5%), the state-aided institution graduates third (42.9%) and the state-related last (41.5%). An overall figure of 57.5 percent was obtained for all colleges and universities combined.

In terms of the proportion of certificated graduates teaching in the State of Pennsylvania, the private colleges and universities again ranked first (48.5%), the state system second (39.1%), the state-aided institutions third (35.3%) and the state-related institutions last (34.5%) with an overall figure of 42.0 percent for the certificated graduates of the state's institutions as a whole.

Of the four sectors only the graduates from the state-aided institutions tended to have a substantially larger proportion than the other sectors in positions other than teaching (21.6%). The figures for the state-system, private college and university, and state-related certificated graduates were lower and very similar to one another, 13.8, 13.9 and 15.1 percent, respectively.

The proportion seeking a position, i.e., unemployed, varied somewhat among the sectors, i.e., 15.8 percent for the state-system certificated graduates, 29.7 percent for the state-related graduates, 11.7 percent for private college and university certificated graduates and 9.9 percent for the certificated graduates from the state-aided institutions. The overall unemployment rate was 15.5 percent.

TABLE 1.0

PERCENTAGE DISTRIBUTION BY INSTITUTIONAL SECTOR OF THE POSTGRADUATE ACTIVITY OF EDUCATION GRADUATES CERTIFICATED BETWEEN SEPTEMBER 1, 1981 AND AUGUST 31, 1982

Institutional Sector		Number of Certificates Awarded	Number and Percentage Responding	Teaching			Otherwise Employed	Seeking a Position	Pursuing Advanced Degree	Other Activity	No Information
				Total	In-State	Outside State					
State System	#	3,659	2,447	1,359	957	402	338	386	265	99	1,212
	%		(66.9)	(55.5)	(39.1)	(16.4)	(13.8)	(15.8)	(10.8)	(4.1)	
State-Related	#	1,542	417	173	144	29	63	124	48	9	1,125
	%		(27.0)	(41.5)	(34.5)	(7.0)	(15.1)	(29.7)	(11.5)	(2.2)	
State-Aided	#	60	51	27	18	9	11	5	6	2	9
	%		(85.0)	(42.9)	(35.3)	(17.6)	(21.6)	(9.9)	(11.8)	(3.9)	
Private	#	1,911	1,620	1,047	785	262	225	190	122	36	291
	%		(84.8)	(64.6)	(48.5)	(16.2)	(13.9)	(11.7)	(7.5)	(2.2)	
State Total	#	7,172	4,535	2,606	1,904	702	637	705	441	146	2,637
	%		(63.2)	(57.5)	(42.0)	(15.5)	(14.1)	(15.5)	(9.7)	(3.2)	

The proportion of certificated graduates going on for an advanced degree for the state-aided, state-related, and state-system graduates did not differ markedly from one another, 11.8 percent, 11.5 percent, and 10.8 percent, respectively, but the certificated graduates of Pennsylvania's private colleges and university were found to have a lower rate of advanced degree participation (7.5%).

Not more than three percent of the state's certificated graduates were found to be engaged in other activities than the seeking of employment, military service or advanced degree work. This figure ranged from 4.1 percent for state-system graduates to 3.9 percent for the state-aided and 2.2 percent for both the state-related and the private college and university graduates.

Findings by Area of Certification

Table 1.1 lists the various areas of certification, including specific subject area certificates, and gives information concerning major degree field sampling adequacy (percentage responding) as well as the number and proportion of certificated graduates in each of the fields. The activity categories shown in Table 1.1 differ from those of Table 1.0 only in that the unemployed certificated graduate is now listed as either "seeking a teaching position" or as "seeking [a] non-teaching position."

The areas of certification of Table 1.1, are ranked with regard to full-time teaching activity as follows:

Rank	Area of Certification	Teaching	Rank	Area of Certification	Teaching
*1	Physics	100.0	19	Spanish	58.5
2	Visually Impaired	84.6	20	Secondary Education	57.5
3	Accounting	80.9	21	Biology	57.1
4	Chemistry	77.3	22	Elementary Education	55.2
*5	Vocational Education	76.2	23	Music	54.7
6	Library Science	76.0	24	Secretarial	54.1
7	Mathematics	75.2	25	El. and Sec. Combined	50.8
8	Physics and Mathematics	75.0	27	German	50.0
9	Typewriting	72.2	*27	Marketing	50.0
10	Mentally and Physically Handicapped	72.1	*27	Italian	50.0
11	French	68.0	29	Social Studies	46.8
12	Early Childhood Educ	66.1	30	Art	43.2
13	Home Economics	65.8	31	Health and Physical Ed	38.3
14	General Science	63.6	32	Speech Correction	35.4
15	English	60.4	33	Communications	36.9
*16.5	Distributive Education	60.0	34.5	Agriculture	33.3
*16.5	Hearing Impaired	60.0	34.5	Data Processing	33.3
18	Industrial Arts	59.8	36	Earth and Space Sciences	26.3

The asterisks in the above listing indicates that the sample size and/or population size is small enough to warrent caution about the validity of the percentage value and ranking shown for this particular area of certification.

TABLE 1.1

DISTRIBUTION BY AREA OF CERTIFICATION OF THE POSTGRADUATE ACTIVITIES OF BACCALAUREATE EDUCATION GRADUATES CERTIFICATED BETWEEN SEPTEMBER 1, 1981 AND AUGUST 31, 1982

Certification Area		Number of Certificates Awarded	Number and Percentage Responding	Teaching			Otherwise Gainfully Employed	Seeking Teaching Position	Seeking Non-Teaching Position	Pursuing Advanced Degree	Other Activity	No Information
				Total	In-State	Outside State						
Grand Total	#	7,172	4,535	2,606	1,904	702	637	675	31	441	146	2,637
	%		(63.2)	(57.5)	(42.0)	(15.5)	(14.0)	(9.7)	(0.7)	(9.7)	(3.2)	
Elementary, Total	#	2,446	1,698	977	759	218	200	344	14	109	54	748
	%		(69.4)	(57.5)	(44.7)	(12.8)	(11.8)	(20.3)	(0.8)	(6.4)	(3.2)	
Elementary Education, General	#	1,927	1,335	737	564	173	176	278	10	94	40	592
	%		(69.3)	(55.2)	(42.2)	(13.0)	(13.2)	(20.8)	(0.8)	(7.0)	(3.0)	
Early Childhood Education	#	519	363	240	195	45	24	66	4	15	14	156
	%		(69.9)	(66.1)	(53.7)	(12.4)	(6.6)	(18.2)	(1.1)	(4.1)	(3.9)	
Secondary, Total	#	1,385	823	473	378	95	140	107	6	78	19	562
	%		(59.4)	(57.5)	(45.9)	(11.6)	(17.0)	(13.0)	(0.7)	(9.5)	(2.3)	
Elementary and Secondary, Combined	#	1,761	1,050	533	365	168	208	138	10	112	49	711
	%		(59.6)	(50.8)	(34.8)	(16.0)	(19.8)	(13.1)	(9.5)	(10.7)	(4.7)	
Special Education	#	1,580	964	623	402	221	89	85	1	142	24	616
	%		(61.0)	(64.6)	(50.4)	(22.9)	(9.3)	(8.8)	(0.1)	(14.7)	(2.5)	
*Hearing Impaired	#	43	20	12	8	4	1	3	0	4	0	23
	%		(46.5)	(60.0)	(40.0)	(20.0)	(5.0)	(15.0)	(0.0)	(20.0)	(0.0)	
Mentally, Physically Handicapped	#	1,205	720	519	348	171	68	71	1	40	21	485
	%		(59.8)	(72.1)	(48.3)	(23.8)	(9.4)	(9.9)	(0.1)	(5.6)	(2.9)	
Speech Correction	#	297	198	70	33	37	20	11	0	94	3	99
	%		(66.7)	(35.4)	(16.7)	(18.7)	(10.1)	(5.5)	(0.0)	(47.5)	(1.5)	
Visually Impaired	#	35	26	22	13	9	0	0	0	4	0	9
	%		(74.3)	(84.6)	(50.0)	(34.6)	(0.0)	(0.0)	(0.0)	(15.4)	(0.0)	

TABLE 1.1 (continued)

DISTRIBUTION BY AREA OF CERTIFICATION OF THE POSTGRADUATE ACTIVITIES OF BACCALAUREATE EDUCATION GRADUATES CERTIFICATED BETWEEN SEPTEMBER 1, 1981 AND AUGUST 31, 1982

Certification Area		Number of Certificates Awarded	Number and Percentage Responding	Teaching			Otherwise Gainfully Employed	Seeking Teaching Position	Seeking Non-Teaching Position	Pursuing Advanced Degree	Other Activity	No Information
				Total	In-State	Outside State						
*Vocational Education	#	164	21	16	16	0	3	2	0	0	0	143
	%		(12.8)	(76.2)	(76.2)	(0.0)	(14.3)	(9.5)	(0.0)	(0.0)	(0.0)	
Specialty Subject Areas												
Accounting	#	28	21	17	16	1	2	1	0	1	0	7
	%		(75.0)	(80.9)	(76.2)	(4.7)	(9.5)	(4.8)	(0.0)	(4.8)	(0.0)	
*Agriculture	#	45	6	2	2	0	0	2	0	0	0	39
	%		(13.3)	(33.3)	(33.3)	(0.0)	(0.0)	(33.3)	(0.0)	(0.0)	(0.0)	
Art	#	211	125	54	42	12	25	26	0	9	11	86
	%		(59.2)	(43.2)	(33.6)	(9.6)	(20.0)	(20.8)	(0.0)	(7.2)	(8.8)	
Biology	#	115	84	48	37	11	13	9	0	10	4	31
	%		(73.0)	(57.1)	(44.0)	(13.1)	(15.5)	(10.7)	(0.0)	(11.9)	(4.8)	
Chemistry	#	34	22	17	13	4	1	1	0	3	0	12
	%		(64.7)	(77.3)	(59.1)	(18.2)	(4.5)	(4.5)	(0.0)	(13.6)	(0.0)	
Communications	#	81	46	17	15	2	12	12	0	4	1	35
	%		(56.8)	(36.9)	(32.6)	(4.3)	(26.1)	(26.1)	(0.0)	(8.7)	(2.2)	
*Data Processing	#	3	3	1	1	0	1	1	0	0	0	0
	%		(100.0)	(33.3)	(33.3)	(0.0)	(33.3)	(33.3)	(0.0)	(0.0)	(0.0)	
*Distributive Education	#	23	10	6	3	3	3	1	0	0	0	13
			(43.5)	(60.0)	(30.0)	(30.0)	(30.0)	(10.0)	(0.0)	(0.0)	(0.0)	
Earth and Space Sciences	#	32	19	5	4	1	6	4	0	2	2	13
	%		(59.4)	(26.3)	(21.0)	(5.3)	(31.6)	(21.1)	(0.0)	(10.5)	(10.5)	

TABLE 1.1 (continued)

DISTRIBUTION BY AREA OF CERTIFICATION OF THE POSTGRADUATE ACTIVITIES OF BACCALAUREATE EDUCATION GRADUATES CERTIFICATED BETWEEN SEPTEMBER 1, 1981 AND AUGUST 31, 1982

Certification Area		Number of Certificates Awarded	Number and Percentage Responding	Teaching			Otherwise Gainfully Employed	Seeking Teaching Position	Seeking Non-Teaching Position	Pursuing Advanced Degree	Other Activity	No Information
				Total	In-State	Outside State						
English	#	209	144	87	68	19	22	14	1	16	4	65
	%		(68.9)	(60.4)	(47.2)	(13.2)	(15.3)	(9.7)	(0.7)	(11.1)	(2.8)	
Foreign Languages, Total	#	143	85	51	37	14	8	10	2	12	2	58
	%		(40.6)	(60.0)	(43.5)	(16.5)	(9.4)	(11.8)	(2.3)	(14.1)	(2.3)	
French	#	44	25	17	10	7	2	1	1	3	1	19
	%		(56.8)	(68.0)	(40.0)	(28.0)	(8.0)	(4.0)	(4.0)	(12.0)	(4.0)	
German	#	20	14	7	6	1	2	2	0	3	0	6
	%		(70.0)	(50.0)	(42.9)	(7.1)	(14.3)	(14.3)	(0.0)	(21.4)	(0.0)	
*Italian	#	4	2	1	0	1	0	1	0	0	0	2
	%		(50.0)	(50.0)	(0.0)	(50.0)	(0.0)	(50.0)	(0.0)	(0.0)	(0.0)	
*Latin	#	7	1	0	0	0	0	1	0	0	0	6
	%		(14.3)	(0.0)	(0.0)	(0.0)	(0.0)	(100.0)	(0.0)	(0.0)	(0.0)	
Spanish	#	65	41	24	19	5	4	5	1	6	1	24
	%		(63.1)	(58.5)	(46.3)	(12.2)	(9.8)	(12.2)	(2.4)	(14.7)	(2.4)	
*Languages, Other	#	3	2	2	2	0	0	0	0	0	0	1
	%		(66.7)	(100.0)	(100.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	
*General Science	#	27	11	7	6	1	1	1	0	2	0	16
	%		(40.7)	(63.6)	(54.5)	(9.1)	(9.1)	(9.1)	(0.0)	(18.2)	(0.0)	
Health and Physical Education	#	620	316	121	77	44	80	59	0	42	14	304
	%		(51.0)	(38.3)	(24.4)	(13.9)	(25.3)	(18.7)	(0.0)	(13.3)	(4.4)	
Home Economics	#	95	76	50	34	16	8	7	1	3	7	19
	%		(80.0)	(65.8)	(44.7)	(21.1)	(10.5)	(9.2)	(1.3)	(4.0)	(9.2)	

TABLE 1.1 (continued)

DISTRIBUTION BY AREA OF CERTIFICATION OF THE POSTGRADUATE ACTIVITIES OF BACCALAUREATE EDUCATION GRADUATES CERTIFICATED BETWEEN SEPTEMBER 1, 1981 AND AUGUST 31, 1982

Certification Area		Number of Certificates Awarded	Number and Percentage Responding	Teaching			Otherwise Gainfully Employed	Seeking Teaching Position	Seeking Non-Teaching Position	Pursuing Advanced Degree	Other Activity	No Information
				Total	In-State	Outside State						
Industrial Arts	#	135	107	64	48	16	27	1	1	6	8	28
	%		(79.3)	(59.8)	(44.9)	(14.9)	(25.2)	(0.9)	(0.9)	(5.6)	(7.5)	
Library Science	#	74	50	38	32	6	6	2	0	4	0	24
	%		(67.6)	(76.0)	(64.0)	(12.0)	(12.0)	(4.0)	(0.0)	(8.0)	(0.0)	
*Marketing	#	2	2	1	0	1	1	0	0	0	0	0
	%		(100.0)	(50.0)	(0.0)	(50.0)	(50.0)	(0.0)	(0.0)	(0.0)	(0.0)	
Mathematics	#	162	121	91	73	18	14	7	0	9	0	41
	%		(74.7)	(75.2)	(60.3)	(14.9)	(11.6)	(5.8)	(0.0)	(7.4)	(0.0)	
Music	#	423	276	151	91	60	50	27	6	35	7	147
	%		(65.2)	(54.7)	(33.0)	(21.7)	(18.1)	(9.8)	(2.2)	(12.7)	(2.5)	
*Physics	#	3	1	1	1	0	0	0	0	0	0	2
	%		(33.3)	(100.0)	(100.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	
*Physics and Math	#	16	4	3	1	2	1	0	0	0	0	12
	%		(25.0)	(75.0)	(25.0)	(50.0)	(25.0)	(0.0)	(0.0)	(0.0)	(0.0)	
Secretarial	#	82	61	33	29	4	11	11	2	3	1	21
	%		(74.4)	(54.1)	(47.5)	(6.6)	(18.0)	(18.0)	(3.3)	(4.9)	(1.7)	
Social Studies	#	370	235	110	85	25	48	39	3	28	7	135
	%		(63.5)	(46.8)	(36.2)	(10.6)	(20.4)	(16.6)	(1.3)	(11.9)	(3.0)	
Typewriting	#	30	18	13	10	3	1	4	0	0	0	12
	%		(60.0)	(72.2)	(55.5)	(16.7)	(5.6)	(22.2)	(0.0)	(0.0)	(0.0)	

*The data for this certificate area should be interpreted cautiously due to either small sample size or the small number of certificates awarded in that subject matter category.

V. RESULTS FOR BACCALAUREATE GRADUATES

A comparison of 1982 postgraduation results, with findings for the previous five years, is given in Table 2.0. In contrast to the pattern of rising full-time employment that characterized the period of 1977 to 1980 there has been a second year of decline in the proportion of baccalaureate graduates finding full-time employment. Part-time employment, and unemployment, increased in incidence between 1981 and 1982 but there was no significant change in the proportion seeking an advanced degree. Interestingly, however, the proportion finding full-time employment in the field for which they were prepared rose during this period to nearly the same value as in 1980 while the proportion finding full-time employment in Pennsylvania remained relatively steady at 66 percent. This latter figure is, however, the lowest proportion of full-time employment in Pennsylvania that has been found for the years 1977 to 1983.

TABLE 2.0

RESULTS FOR BACCALAUREATE GRADUATES OVER TIME

Year	Responding Graduates	Full-Time Employed	Part-Time Employed	Unemployed	Advanced Degree	Full Time Employed In Field Prepared	Full Time Employed In Pa.
		%	%	%	%	%	%
1977	29,140	62.0	5.8	15.9	16.3	75.5	69.6
1978	28,273	66.0	4.4	12.8	16.8	77.3	68.5
1979	29,819	69.5	4.2	9.6	16.7	77.6	67.4
1980	32,858	70.3	4.0	10.0	15.7	80.8	67.0
1981	31,941	67.6	4.7	11.7	16.0	75.9	66.1
1982	24,176	62.9	5.4	14.3	16.2	80.4	66.0

Table 2.1 summarizes the postgraduate activity of 24,176 (68.0%) of 35,574 Pennsylvania 1982 baccalaureate degree recipients in each of twenty-two major degree fields (Education excluded). More detailed data for these graduates, listed by specific degree field and institutional category, can be found in the appendix to this report.

Careful attention should be given to the interrelationships among the percentages shown for the major disciplines in Table 2.1. For example, those major disciplines with lower proportions of full-time employment may also be disciplines where the baccalaureate degree is not considered to be a terminal degree. In such cases we would typically find a high proportion seeking an advanced degree in that field.

Full-Time Employment of Baccalaureate Degree Graduates

Degree field percentage changes in full-time employment between 1981 and 1982, based on the findings of Table 2.1 (Education excluded) were:

TABLE 2.1

EMPLOYMENT STATUS BY MAJOR DISCIPLINE FOR BACCALAUREATE DEGREE RECIPIENTS FROM ALL SAMPLED INSTITUTIONS IN PENNSYLVANIA, 1982*

MAJOR DISCIPLINE		TOTAL REPORTED	EMPLOYED IN FIELD PREPARED		EMPLOYED IN OTHER FIELD		EMPLOYED PART-TIME	UN-EMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY
			IN PA	OUTSIDE PA	IN PA	OUTSIDE PA					
AGRICULTURE AND NATURAL RESOURCES	#	702	201	132	74	18	58	114	86	14	5
	%	---	28.6	18.8	10.5	2.6	8.3	16.2	12.3	2.0	.7
ARCHITECTURE AND ENVIRONMENTAL DESIGN	#	110	41	23	6	4	3	25	6	1	1
	%	---	37.3	20.9	5.5	3.6	2.7	22.7	5.5	.9	.9
AREA STUDIES	#	21	1	2	3	6	2	5	2	0	0
	%	---	4.8	9.5	14.3	28.6	9.5	23.8	9.5	.0	.0
BIOLOGICAL SCIENCES	#	1,477	206	105	91	47	74	139	787	9	19
	%	---	13.9	7.1	6.2	3.2	5.0	9.4	53.3	.6	1.3
BUSINESS AND MANAGEMENT	#	6,188	2,365	1,126	461	182	297	1,263	381	70	43
	%	---	38.2	18.2	7.4	2.9	4.8	20.4	6.2	1.1	.7
COMMUNICATIONS	#	1,057	289	129	172	75	129	176	69	9	9
	%	---	27.3	12.2	16.3	7.1	12.2	16.7	6.5	.9	.9
COMPUTER AND INFORMATION SCIENCES	#	858	357	230	21	11	30	160	39	9	1
	%	---	41.6	26.8	2.4	1.3	3.5	18.6	4.5	1.0	.1
ENGINEERING	#	2,142	668	858	37	24	14	252	207	75	7
	%	---	31.2	40.1	1.7	1.1	.7	11.8	9.7	3.5	.3
FINE AND APPLIED ARTS	#	743	157	106	108	43	101	106	99	3	20
	%	---	21.1	14.3	14.5	5.8	13.6	14.3	13.3	.4	2.7
FOREIGN LANGUAGES	#	231	23	31	29	22	17	45	47	6	11
	%	---	10.0	13.4	12.6	9.5	7.4	19.5	20.3	2.6	4.8
HEALTH PROFESSIONS	#	2,398	1,613	395	36	20	66	64	179	13	12
	%	---	67.3	16.5	1.5	.8	2.8	2.7	7.5	.5	.5
HOME ECONOMICS	#	624	255	130	41	8	41	70	73	0	6
	%	---	40.9	20.8	6.6	1.3	6.6	11.2	11.7	.0	1.0
INTERDISCIPLINARY STUDIES	#	262	46	22	36	14	16	48	70	2	8
	%	---	17.6	8.4	13.7	5.3	6.1	18.3	26.7	.8	3.1
LAW	#	14	0	1	2	0	2	2	7	0	0
	%	---	.0	7.1	14.3	.0	14.3	14.3	50.0	.0	.0
LETTERS	#	1,029	172	117	158	88	86	153	226	4	25
	%	---	16.7	11.4	15.4	8.6	8.4	14.9	22.0	.4	2.4
LIBRARY SCIENCE	#	3	2	0	0	0	1	0	0	0	0
	%	---	66.7	.0	.0	.0	33.3	.0	.0	.0	.0
MATHEMATICS	#	330	101	92	22	5	5	35	57	7	6
	%	---	30.6	27.9	6.7	1.5	1.5	10.6	17.3	2.1	1.8
PHYSICAL SCIENCES	#	951	144	132	50	25	30	116	404	36	14
	%	---	15.1	13.9	5.3	2.6	3.2	12.2	42.5	3.8	1.5
PSYCHOLOGY	#	1,056	235	92	152	67	64	141	270	15	20
	%	---	22.3	8.7	14.4	6.3	6.1	13.4	25.6	1.4	1.9
PUBLIC AFFAIRS AND SERVICES	#	1,302	418	125	171	71	124	192	170	16	15
	%	---	32.1	9.6	13.1	5.5	9.5	14.7	13.1	1.2	1.2
SOCIAL SCIENCES	#	2,555	460	275	325	165	129	347	717	56	81
	%	---	18.0	10.8	12.7	6.5	5.0	13.6	28.1	2.2	3.2
THEOLOGY	#	123	35	28	13	8	6	1	29	1	2
	%	---	28.5	22.8	10.6	6.5	4.9	.8	23.6	.8	1.6
TOTAL	#	24,176	7,789	4,151	2,008	903	1,295	3,454	3,925	346	305
	%	---	32.2	17.2	8.3	3.7	5.4	14.3	16.2	1.4	1.3

*PERCENTAGES MAY NOT ADD TO 100 DUE TO ROUNDING ERROR. FOR DATA ON EDUCATION GRADUATES, SEE TABLES IN PART II OF THIS REPORT.

TABLE 2.2

PERCENTAGE OF BACHELOR'S DEGREE GRADUATES WITH FULL-TIME EMPLOYMENT[1]

Major Discipline	Percent 1981	Percent 1982	1981-82 Change	Rank 1981	Rank 1982
Health Professions	88.1	86.6	-1.5	1	1
Engineering	87.5	77.6	-9.9	2	2
Computer and Information Sciences	84.6	73.1	-11.5	3	3
Home Economics	73.4	69.6	-3.8	5	4
Theology	68.7*	69.2*	-0.5	8	5
Mathematics	70.9	68.8	-2.1	6	6
Architecture and Environmental Design	62.3	68.2*	5.9	12	7
Business and Management	74.8	67.8	-7.0	4	8
Library Science[2]	68.8	66.7	-2.1	7	9
Communications	68.1	63.8	-4.3	9	10
Agriculture and Natural Resources	65.0	62.5	-2.5	10	11
Public Affairs and Services	64.2	61.5	-2.7	11	12
Area Studies[2]	54.8*	57.2*	2.4	15	13
Fine and Applied Arts	62.2*	56.1	-6.1	13	14
Psychology	50.2	53.1	2.9	19	15
Letters	53.5	52.5	-1.0	17	16
Social Sciences	53.2	50.2	-3.0	18	17
Foreign Languages	54.4	48.1	-6.3	16	18
Interdisciplinary Studies	56.7*	45.8	-10.9	14	19
Physical Sciences	43.2	40.7	-2.5	20	20
Biological Sciences	37.1	31.0	-6.1	21	21
Law[2]	14.3	21.4*	-7.1	22	22

* This value represents an increase over the previous year's percentage value.

[1] Baccalaureate graduates in Education are excluded. Graduates in military service are included.

[2] Values may be unstable due to the very small number of graduates in this category.

	Percent Increase		Percent Decrease
Law	7.1	Computer and Information Sciences	-11.5
Architecture and Environmental Design	5.9	Interdisciplinary Studies	-10.9
Psychology	2.9	Engineering	-9.9
Area Studies	2.4	Business and Management	-7.0
Theology	0.5	Foreign Languages	-6.3
		Biological Sciences	-6.1
		Fine and Applied Arts	-6.1
		Communications	-4.3
		Home Economics	-3.8
		Social Sciences	-3.0
		Public Affairs and Services	-2.7
		Physical Sciences	-2.5
		Agriculture and Natural Resources	-2.5
		Mathematics	-2.1
		Library Science	-2.1
		Health Professions	-1.5
		Letters	-1.0

In addition, the twenty-two major disciplines are ranked (in Table 2.2) according to the percentage of 1982 baccalaureate graduates that had obtained full-time employment. Comparable rank order data for 1981 are also included in Table 2.2 for comparative purposes.

Full-Time Employment of Bachelor's Degree Graduates in the Labor Market

Since degree recipients, in some disciplines, tend to engage in other types of activity, such as graduate work, rather than remain in the job market, Table 2.3 indicates the relative full-time employment ranking of the major disciplines when we consider only those baccalaureate graduates who are in the labor market, i.e., only those who are employed full-time or part-time and those still seeking employment. As can be seen in Table 2.3, the rank order position of certain disciplines, such as Psychology, changes dramatically when we ask how well do these graduates do when they are actually competing in the civilian labor market (military service excluded).

Percentage changes in the full-time employment of baccalaureate graduates in the civilian job market between 1981 and 1982 (in Table 2.3) may be summarized as follows:

	Percent Increase		Percent Decrease
Psychology	2.5	Law	-57.1
		Area Studies	-14.1
		Library Science	-11.9
		Computer and Information Sciences	-11.4
		Fine and Applied Arts	-10.3

TABLE 2.3

PERCENTAGE OF BACHELOR'S DEGREE RECIPIENTS IN THE CIVILIAN LABOR MARKET WITH FULL-TIME EMPLOYMENT[1]

Major Discipline[2]	Percent		1981-82 Change	Rank	
	1981	1982		1981	1982
Health Professions	94.9	94.1	-0.8	3	1
Theology	92.8	92.3	-0.5	4	2
Engineering	95.3	85.6	-9.7	2	3
Mathematics	86.3	84.6	-1.7	6	4
Home Economics	82.3	79.6	-2.7	7	5
Computer and Information Sciences	87.9	76.5	-11.4	5	6
Psychology	70.2	72.7*	2.5	20	7
Business and Management	79.8*	72.6	-7.2	8.5	8
Architecture and Environmental Design	79.8	72.5	-7.3	8.5	9
Social Sciences	74.5	72.0	-2.5	17	10
Public Affairs and Services	74.7	71.3	-3.4	16	11
Agriculture and Natural Resources	75.7	71.2	-4.5	14.5	12
Physical Sciences	78.0	70.6	-7.4	11	13
Letters	69.7	69.1	-0.6	21	14
Communications	73.4	68.6	-4.8	19	15
Biological Sciences	75.7	67.8	-7.9	14.5	16
Library Science[3]	78.6	66.7	-11.9	10	17.5
Fine and Applied Arts	77.0*	66.7	-10.3	13	17.5
Interdisciplinary Studies	74.2	64.8	-9.4	18	19
Area Studies[3]	77.3*	63.2	-14.1	12	20
Foreign Languages	67.7	62.9	-4.8	22	21
Law[3]	100.0*	42.9	-57.1	1	22

* This value represents an increase over the previous year's percentage value.

[1] Excludes those pursuing a graduate degree, those entering military service, and those not seeking employment.

[2] Graduates in Education who did not obtain teaching certificates are excluded.

[3] Values may be unstable due to the very small number of graduates in this category.

Engineering	-9.7
Interdisciplinary Studies	-9.4
Biological Sciences	-7.9
Physical Sciences	-7.4
Architecture and Environmental Design	-7.3
Business and Management	-7.2
Communications	-4.8
Foreign Languages	-4.8
Agriculture and Natural Resources	-4.5
Public Affairs and Services	-3.4
Home Economics	-2.7
Social Sciences	-2.5
Mathematics	-1.7
Health Profession	-0.8
Letters	-0.6
Theology	-0.5

Bachelor's Degree Graduates Employed Full-Time in Their Field of Preparation

Table 2.4 indicates, by field and 1982 rank order, the degree to which full-time employed baccalaureate graduates were employed in their field of preparation in both 1981 and 1982.

Changes in the full-time employed percentage figures for those employed in their field of preparation between 1981 and 1982 were as follows:

	Percent Increase		Percent Decrease
Law	33.0	Physical Sciences	-8.4
Theology	28.4	Biological Sciences	-5.7
Library Science	27.3	Business and Management	-5.3
Foreign Languages	10.6	Fine and Applied Arts	-4.8
Psychology	7.0	Communications	-3.3
Social Sciences	6.3	Interdisciplinary Studies	-3.3
Letters	1.7	Computer and Information Sciences	-2.4
Mathematics	1.6	Architecture and Environmental Design	-2.2
Home Economics	1.5	Engineering	-1.3
Area Studies	1.5	Public Affairs and Services	-0.9
		Health Professions	-0.7

Bachelor's Degree Graduates Employed Full-Time in Pennsylvania

Table 2.5 ranks each major discipline according to the percentage of full-time employed baccalaureate graduates in each discipline (Education excluded) who were found to be employed in Pennsylvania in 1982. Comparable data for 1981 is included for comparative purposes.

Table 2.4

PERCENTAGE OF CIVILIAN FULL-TIME EMPLOYED BACHELOR'S DEGREE GRADUATES EMPLOYED IN THEIR FIELD OF PREPARATION

Major Discipline[1]	Percent 1981	Percent 1982	1981-82 Change	Rank 1981	Rank 1982
Library Science[2]	72.7	100.0*	27.3	12	1
Health Professions	98.0	97.3	-0.7	1	2
Engineering	97.5*	96.2	-1.3	2	3
Computer and Information Sciences	97.2	94.8	-2.4	3	4
Home Economics	87.2*	88.7*	1.5	6	5
Mathematics	86.1	87.7*	1.6	8	6
Architecture and Environmental Design	88.7	86.5	-2.2	5	7
Business and Management	89.7*	84.4	-5.3	4	8
Physical Sciences	87.0*	78.6	-8.4	7	10
Agriculture and Natural Resources	79.8	78.4	-1.4	9	11
Theology	46.6	75.0	28.4	20	12
Biological Sciences	75.0*	69.3	-5.7	11	13
Public Affairs and Services	70.1	69.2	-0.9	13	14
Fine and Applied Arts	68.3	63.5	-4.8	14	15
Communications	66.2*	62.9	-3.3	15	16
Social Sciences	53.7*	60.0*	6.3	17	17
Psychology	52.9	59.9*	7.0	18	18
Interdisciplinary Studies	60.9*	57.6	-3.3	16	19
Letters	52.3*	54.0*	1.7	19	20
Foreign Languages	40.98	51.4*	10.6	21	21
Law[2]	0.0	33.0*	33.0	23	22
Area Studies[2]	23.5	25.0*	1.5	22	23

* This value represents an increase over the previous year's percentage value.

[1] Baccalaureate graduates in Education are excluded.

[2] Values may be unstable due to the very small number of graduates in this category.

TABLE 2.5

PERCENTAGE OF CIVILIAN FULL-TIME EMPLOYED BACHELOR'S DEGREE GRADUATES EMPLOYED IN PENNSYLVANIA

Major Discipline[1]	Percent 1981	Percent 1982	1981-82 Change	Rank 1981	Rank 1982
Library Science[2]	63.6	100.0*	36.4	9	1
Health Professions	81.1	79.9	-1.2	1	2
Public Affairs and Services	75.4*	75.0	-0.4	2	3
Psychology	71.0	70.9	-0.1	5	4
Interdisciplinary Studies	67.0	69.5*	2.5	8	5
Communications	75.2*	69.3	-5.9	3	6
Business and Management	70.1*	68.4	-1.7	4	7
Home Economics	68.4	68.2	-0.2	6	8
Law[2]	0.0	66.7*	66.7	22	9
Biological Sciences	67.0	66.1	-0.9	7	10
Agriculture and Natural Resources	63.3*	64.7*	1.4	10	11
Social Sciences	62.8	64.1*	1.3	12	12
Fine and Applied Arts	60.3	64.0*	3.7	14	13
Architecture and Environmental Design	56.3*	63.5*	7.2	16	14
Letters	60.0	61.7*	1.7	15	15
Computer and Information Sciences	63.2*	61.1	-2.1	11	16
Theology	62.1	57.1	-5.0	13	17
Mathematics	55.7	55.9*	0.2	17	18
Physical Sciences	49.2	55.3*	6.1	18	19
Foreign Languages	44.3	49.5*	5.2	20	20
Engineering	42.7	44.4*	1.7	21	21
Area Studies[2]	47.1	33.3	-13.8	19	22

* This value represents an increase over the previous year's percentage value.

[1] Baccalaureate graduates in Education are excluded.
[2] Values may be unstable due to the very small number of graduates in this category.

Changes in the proportion of graduates employed in Pennsylvania in 1981 and in 1982 were as follows:

	Percent Increase		Percent Decrease
Law	66.7	Area Studies	-13.8
Library Science	36.4	Communications	-5.9
Architecture	7.2	Theology	-5.0
Physical Sciences	6.1	Computer and Information Sciences	-2.1
Foreign Languages	5.2	Business and Management	-1.7
Fine and Applied Arts	3.7	Health Professions	-1.2
Interdisciplinary Studies	2.5	Biological Sciences	-0.9
Letters	1.7	Public Affairs and Services	-0.4
Engineering	1.7	Home Economics	-0.2
Agriculture and Natural Resources	1.4	Psychology	-0.1
Social Sciences	1.3		
Mathematics	0.2		

Bachelor's Degree Graduates Seeking Advanced Degrees

Table 2.6 permits comparison of the extent to which baccalaureate graduates in each major discipline (Education excluded) pursued advanced degrees in 1981 and 1982. The disciplines are ranked in accordance with the values for 1982 graduates.

Changes in the percentage of baccalaureate graduates pursuing an advanced degree between 1981 and 1982 were as follows:

	Percent Increase		Percent Decrease
Physical Sciences	13.9	Law	-35.7
Interdisciplinary Studies	3.1	Area Studies	-19.5
Biological Sciences	2.3	Architecture and Environmental Design	-16.4
Engineering	1.5	Library Science	-12.5
Home Economics	1.0	Fine and Applied Arts	-5.9
Computer and Information Sciences	0.7	Psychology	-3.0
Foreign Languages	0.6	Theology	-2.4
Health Professions	0.2	Agriculture and Natural Resources	-1.9
Business and Management	0.0	Letters	-1.1
		Public Affairs and Services	-0.9
		Communications	-0.7
		Mathematics	-0.6
		Social Sciences	-0.4

Median Full-Time Bachelor's Degree Employment Rankings Over Time

Table 2.7, ranks twenty-three major disciplines (including Education) according to the median of their full-time employment ranking over the period of 1976-1982. As can been seen in Table 2.7, most of the disciplines did not

TABLE 2.6

PERCENTAGE OF BACHELOR'S DEGREE GRADUATES
PURSUING ADVANCED DEGREES

Major Discipline[1]	Percent 1981	Percent 1982	1981-82 Change	Rank 1981	Rank 1982
Biological Sciences	51.0*	53.3	2.3	2	1
Law[2]	85.7*	50.0	-35.7	1	2
Physical Sciences	28.6	42.5*	13.9	3	3
Social Sciences	28.5*	28.1	-0.4	5	4
Interdisciplinary Studies	23.6	26.7*	3.1	8	5
Psychology	28.6*	25.6	-3.0	4	6
Theology	26.0	23.6	-2.4	7	7
Letters	23.1	22.0	-1.1	9	8
Foreign Languages	19.7	20.3*	0.6	11	9
Mathematics	17.9*	17.3	-0.6	13	10
Fine and Applied Arts	19.2*	13.3	-5.9	12	11
Public Affairs and Services	14.0*	13.1	-0.9	15	12
Agriculture and Natural Resources	14.2	12.3	-1.9	14	13
Home Economics	10.7*	11.7*	1.0	17	14
Engineering	8.2*	9.7*	1.5	18	15
Area Studies[2]	29.0*	9.5	-19.5	6	16
Health Professions	7.3*	7.5*	-0.2	19	17
Communications	7.2*	6.5	-0.7	20	18
Business and Management	6.2	6.2	0.0	21	19
Architecture and Environmental Design	21.9*	5.5	-16.4	10	20
Computer and Information Sciences	3.8	4.5*	0.7	22	21
Library Science[2]	12.5*	0.0	-12.5	16	22

* This value represents an increase over the previous year's percentage value.

[1] Baccalaureate graduates in Education are excluded.

[2] Values may be unstable due to the very small number of graduates in this category.

change appreciably in their relative position during this period with the notable exception of education, which improved in rank; architecture and environmental design, which showed year to year fluctuations; agriculture and natural resources, which was characterized by decline; and theology, which tended to improve in its rank order position.

Health professions, engineering, computer and information sciences, and business and management graduates were consistently among the top five ranking except for the marked decline in rank for business and management that occurred in 1982.

TABLE 2.7

FULL-TIME EMPLOYMENT RANK COMPARISONS FOR BACHELOR'S DEGREE GRADUATES LISTED IN ORDER OF MEDIAN RANKING OVER TIME (1976-1982)[1]

	Disciplines	1976	1977	1978	1979	1980	1981	1982
1.	Health Professions	2	1	1	2	1	1	1
2.	Engineering	3	3	2	3	2	2	2
3.	Computer and Information Sciences	1	2	3	1	3	3	3
4.	Business and Management	4.5	5	4	4	5	4	9
5.	Library Science	4.5	4	5	6	4	8	10
6.	Home Economics	6	12	9.5	9	7	5	5
7.	Architecture and Environmental Design	13	6	11	5	6	13	8
8.	Mathematics	9	8	6	8	8	6	7
9.	Education	10	9	8	10	9	7	4
10.	Communication	8	10	9.5	12	10	10	11
11.	Agriculture and Natural Resources	7	7	7	13	11	11	12
12.	Public Affairs and Services	11	11	12	11	12	12	13
13.	Theology	14	14	13	7	13	9	6
14.	Fine and Applied Arts	15	13	18	14	14	14	15
15.	Letters	16	16	20	17	15	18	17
16.5.	Area Studies	13	17	19	20	20	16	14
16.5.	Foreign Languages	17	20	14	16	16	17	19
18.	Social Sciences	18	15	21	18	17	19	18
19.5.	Psychology	19	18	17	19	18.5	20	16
19.5.	Interdisciplinary Studies	20	19	16	15	18.5	15	20
21.	Physical Sciences	21	21	22	21	21	21	21
22.	Biological Sciences	22	23	23	22	22	22	22
23.	Law	23	22	15	23	23	23	23

[1] Although the 1982 Value (Rank) for Education is not based upon the same data set as other past and present values, it is included here as an approximation of the 1982 ranking. This has been done in order to permit comparable rank order trends to be computed for all disciplines through 1982.

VI. RESULTS FOR MASTER'S DEGREE GRADUATES

Highlighted below are the postgraduation activity findings for master's degree graduates of 1978 to 1982. While these graduates experienced a rise in the level of full-time employment, and a concomitant decline in unemployment, between 1978 and 1981, this pattern was decidedly reversed in 1982 by a substantial drop in the rate of full-time employment from 81.2 percent to 78.4 percent, an increase in part-time employment from 3.0 to 4.0 percent, and an increase in the incidence of the pursuit of an advanced degree from 9.6 percent to 10.8 percent. In contrast, the rate of full-time employment in the field for which the graduates were prepared has not changed markedly over this period (1978-1982). In addition, the proportion finding employment in Pennsylvania has fluctuated from year to year with only a slight rise occurring between 1981 and 1982 and a pattern of overall decline, as of 1982, in comparison with 1978's rate of Pennsylvania employment.

TABLE 3.0

RESULTS FOR MASTER'S DEGREE GRADUATES OVER TIME

Year	Responding Graduates	Full-Time Employed	Part-Time Employed	Unemployed	Advanced Degree	Full Time Employed In Field Prepared	Full Time Employed In Pa.
		%	%	%	%	%	%
1978	3,847	82.1	2.3	5.5	10.1	90.8	77.3
1979	3,567	83.7	2.7	4.7	8.9	92.3	70.2
1980	3,780	84.1	2.7	4.5	8.7	90.1	74.0
1981	3,503	81.2	3.0	6.1	9.6	89.3	69.9
1982	3,414	78.4	4.0	5.9	10.8	89.3	70.7

Table 3.1 summarizes findings for 3,414 (44.4%) of 7,694 master's degree (1982) graduates in terms of twenty-three major disciplines. More detailed data for these graduates, by degree field and institutional category, are either given in the appendix or can be made available upon request.

Full-Time Employment of Master's Degree Graduates

Table 3.2 summarizes findings concerning the percentage of master's degree graduates with full-time employment and ranks the major degree field disciplines, on the basis of these findings. As might be expected, those disciplines for which a master's degree is not considered as normally the terminal degree are relatively low in rank, e.g., biological sciences, psychology, physical sciences and mathematics.

Full-Time Employment of Master's Degree Graduates in the Civilian Labor Market

Table 3.3, which utilizes data for only those graduates who were employed full-time, part-time or who were seeking employment, (military employment excluded) gives a markedly different picture with regard to fields as the biological sciences, physical sciences and psychology. In Table 3.3 these

Employment Status by Major Discipline for Masters Degree Recipients for All Institutions in Pennsylvania, 1982*

Major Discipline		Total Reported	Employed in Field Prepared		Employed in Other Field		Employed Part-Time	Un-employed	Pursuing Advanced Degree	Military Service	Other Activity
			In PA	Outside PA	In PA	Outside PA					
Agriculture and Natural Resources	#	30	8	8	0	3	2	5	4	0	0
	%	---	26.7	26.7	.0	10.0	6.7	16.7	13.3	.0	.0
Architecture and Environmental Design	#	31	12	12	0	1	1	1	2	0	2
	%	---	38.7	38.7	.0	3.2	3.2	3.2	6.5	.0	6.5
Area Studies	#	6	3	0	2	0	1	0	0	0	0
	%	---	50.0	.0	33.0	.0	16.7	.0	.0	.0	.0
Biological Sciences	#	80	36	8	4	2	1	2	27	0	0
	%	---	45.0	10.0	5.0	2.5	1.2	2.5	33.7	.0	.0
Business and Management	#	517	253	153	29	6	12	38	25	1	0
	%	---	48.9	29.6	5.6	1.2	2.3	7.4	4.8	.2	.0
Communications	#	25	13	3	1	1	2	5	0	0	0
	%	---	52.0	12.0	4.0	4.0	8.0	20.0	.0	.0	.0
Computer and Information Sciences	#	51	19	17	2	0	0	2	11	0	0
	%	---	37.3	33.3	3.9	.0	.0	3.9	21.6	.0	.0
Education	#	1,189	726	166	102	24	51	64	52	0	4
	%	---	61.1	14.0	8.6	2.0	4.3	5.4	4.4	.0	.3
Engineering	#	293	110	79	1	1	0	3	75	6	18
	%	---	37.5	27.0	.3	.3	.0	1.0	25.6	2.0	6.1
Fine and Applied Arts	#	92	28	21	7	3	19	6	8	0	0
	%	---	30.4	22.8	7.6	3.3	20.7	6.5	8.7	.0	.0
Foreign Languages	#	19	2	6	0	2	4	0	5	0	0
	%	---	10.5	31.6	.0	10.5	21.1	.0	26.3	.0	.0
Health Professions	#	157	99	28	5	1	7	9	7	1	0
	%	---	63.1	17.8	3.2	.6	4.5	5.7	4.5	.6	.0
Home Economics	#	50	30	9	0	0	4	3	4	0	0
	%	---	60.0	18.0	.0	.0	8.0	6.0	8.0	.0	.0
Interdisciplinary Studies	#	30	14	9	2	0	0	3	0	2	0
	%	---	46.7	30.0	6.7	.0	.0	10.0	.0	6.7	.0
Law	#	78	20	50	0	0	0	0	8	0	0
	%	---	25.6	64.1	.0	.0	.0	.0	10.3	.0	.0
Letters	#	79	24	13	4	3	4	9	20	0	2
	%	---	30.4	16.5	5.1	3.8	5.1	11.4	25.3	.0	2.5
Library Science	#	23	7	2	1	0	4	8	1	0	0
	%	---	30.4	8.7	4.3	.0	17.4	34.8	4.3	.0	.0
Mathematics	#	28	9	5	1	1	1	4	6	0	1
	%	---	32.1	17.9	3.6	3.6	3.6	14.3	21.4	.0	3.6
Physical Sciences	#	77	10	31	2	1	2	4	27	0	0
	%	---	13.0	40.3	2.6	1.3	2.6	5.2	35.1	.0	.0
Psychology	#	148	48	11	17	9	4	10	46	1	2
	%	---	32.4	7.4	11.5	6.1	2.7	6.8	31.1	.7	1.4
Public Affairs and Services	#	288	153	57	22	6	13	17	13	6	1
	%	---	53.1	19.8	7.6	2.1	4.5	5.9	4.5	2.1	.3
Social Sciences	#	118	38	19	12	7	5	8	27	2	0
	%	---	32.2	16.1	10.2	5.9	4.2	6.8	22.9	1.7	.0
Theology	#	5	3	1	0	0	0	0	1	0	0
	%	---	60.0	20.0	.0	.0	.0	.0	20.0	.0	.0
TOTAL	#	3,414	1,665	708	214	71	137	201	369	19	30
	%	---	48.8	20.7	6.3	2.1	4.0	5.9	10.8	0.5	0.9

*PERCENTAGES MAY NOT ADD TO 100 DUE TO ROUNDING ERROR.

TABLE 3.2

FULL-TIME EMPLOYMENT OF MASTER'S DEGREE GRADUATES[1]

Major Discipline[1]	Percent		1981-82 Change	Rank	
	1981	1982		1981	1982
Interdisciplinary Studies	87.9*	90.1	2.2	5	1
Law	88.5	89.7*	1.2	4	2
Education	85.9	85.7	-0.2	7	3
Business and Management	89.0*	85.5	-3.5	3	4
Health Professions	95.8*	85.3	-10.5	1	5
Area Studies	50.0*	83.0	33.0	21	6
Public Affairs and Services	80.5	82.6*	2.1	9	7
Architecture and Environmental Design	87.5*	80.6	-6.9	6	8
Theology	95.2*	80.0	-15.2	2	9
Home Economics	45.5*	78.0*	32.5	23	10
Computer and Information Sciences	62.5	74.5*	12.0	16	11
Communications	81.1	72.0	-9.1	8	12
Engineering	78.5*	67.1	-11.4	10	13
Social Sciences	65.0	66.1	1.1	15	14
Fine and Applied Arts	77.1*	64.1	-13.0	11	15
Agriculture and Natural Resources	50.0	63.4*	13.4	20	16
Biological Sciences	67.8*	62.5	-5.3	13	17
Psychology	65.9	57.4	-8.5	14	18
Physical Sciences	62.2	58.1	-4.1	17	19
Mathematics	59.1	57.1	-1.9	19	20
Letters	48.8	55.8*	7.0	22	21
Foreign Languages	71.4*	52.6	-18.8	12	22
Library Science	62.1	43.4	-18.7	18	23

* This value represents an increase over the previous year's percentage value.

[1] Graduates in military service are included.

TABLE 3.3

FULL-TIME EMPLOYMENT OF MASTER'S DEGREE GRADUATES
WHO REMAINED IN THE CIVILIAN LABOR MARKET[1]

Major Discipline	Percent 1981	Percent 1982	1981-82 Change	Rank 1981	Rank 1982
Law	100.0	100.0	0.0	1.5	1.5
Theology	100.0	100.0	0.0	1.5	1.5
Engineering	97.3	98.5	1.2	3	3
Computer and Information Sciences	83.3	95.0*	11.7	14.5	4
Biological Sciences	93.7	94.4*	0.7	7	5
Architecture and Environmental Design	93.3	92.6	-0.7	8	6
Business and Management	93.1	89.8	-3.3	9	7.5
Education	89.6	89.8*	0.2	12	7.5
Health Professions	97.1	89.3	-7.8	4	9.5
Interdisciplinary Studies	96.7	89.3	-7.4	5	9.5
Public Affairs and Services	85.5	88.8*	3.3	13	11
Physical Sciences	95.8	88.0	-7.8	2	12
Psychology	90.9	85.9	-5.0	10	13
Social Sciences	82.5	85.4*	2.9	16	14
Home Economics	55.5	84.8*	29.3	22	15
Area Studies	50.0	83.3*	33.3	23	16
Letters	72.4	77.2*	4.8	19	17
Mathematics	89.7	76.2	-13.5	11	18
Agriculture and Natural Resources	75.0	73.1	-1.9	18	19
Communications	83.3	72.0	-11.3	14.5	20
Foreign Languages	71.4	71.4	0.0	20	21
Fine and Applied Arts	81.0	70.2	-10.8	17	22
Library Science	62.1	45.5	-16.6	21	23

* This value represents an increase over the previous year's percentage value. No asterisks are given for the 1981 values due to the lack of similar 1980 values in the previous year's report.

[1] Excludes those pursuing a graduate degree, those entering military service, and those not seeking employment.

fields rank much higher in terms of full-time employment since the table includes only graduates who were in the labor market at that time, i.e., those not seeking an advanced degree or not engaged in other activities than that of seeking or holding a full-time or part-time job.

It is evident, however, that graduates with the master's degree are, on the whole, substantially more successful than baccalaureate graduates in finding full-time employment even though most of the disciplines in which they majored have also experienced a decline in the proportion finding full-time employment between 1981 and 1982. This finding is again apparently due to the economic downturn of the last several years.

Master's Degree Graduates Employed in Their Field of Preparation

Table 3.4 summarizes the findings of Table 3.1 regarding the proportion of master's degree graduates who found full-time employment in the field for which they had been prepared. This table gives figures for both 1981 and for 1982 and ranks twenty-three major disciplines according to the 1982 findings.

Fields such as engineering, architecture, home economics and the health professions ranked high in the proportion of graduates finding employment in their specialty while graduates in area studies, psychology, social sciences, foreign languages, fine and applied arts, and in letters were relatively less successful in their efforts to find degree-related employment.

Master's Degree Graduates Employed in Pennsylvania

Table 3.5 shows the percentage of full-time employed master's degree graduates of 1981 and 1982, in each major degree-field discipline who were found to have been employed in Pennsylvania. The disciplines are ranked in accordance with the findings for the graduates of 1982. The table indicates that there was a marked increase in Pennsylvania employment for biological science, theology, and library science graduates and a marked drop in Pennsylvania employment for master's degree graduates in letters and in architecture and environmental design between 1981 and 1982.

Master's Degree Graduates Pursuing Advanced Degrees

Table 3.6 indicates the percentage of 1981 and 1982 master's degree graduates who went on for a graduate degree rather than entering the job market. The major degree field disciplines are ranked according to 1982 percentage values.

As in Table 3.5, there were reversals, in 1982, of the 1981 patterns with foreign language graduates, particularly, having a dramatic increase in their rate of movement into graduate school. Graduates in theology, engineering, psychology, and the biological sciences were also found to have increased their rate of advanced degree work beyond the master's degree but with less dramatic changes in terms of rank order or percentage values. Graduates with a master's degree in Agriculture and Natural Sciences, Interdisciplinary Studies, and Mathematics, in contrast, had reduced rates of entry into advanced degree work apparently as a result of an increase in degree-related employment opportunities during this same period of time.

Table 3.4

PERCENTAGE OF CIVILIAN FULL-TIME EMPLOYED MASTER'S DEGREE GRADUATES EMPLOYED IN THEIR FIELD OF PREPARATION

Major Discipline	Percent 1981	Percent 1982	1981-82 Change	Rank 1981	Rank 1982
Home Economics	100.0	100.0	0.0	3.5	2
Law	100.0	100.0	0.0	3.5	2
Theology	70.0	100.0*	30.0	23	2
Engineering	99.1*	99.0	-0.1	7	4
Architecture and Environmental Design	100.0*	96.0	-4.0	3.5	5
Health Professions	100.0*	95.5	-4.5	3.5	6
Computer and Information Sciences	94.3	94.7*	0.4	9	7
Physical Sciences	89.1	93.2*	4.1	11.5	8
Business and Management	88.4	92.1*	3.7	13	9
Interdisciplinary Studies	82.8	92.0*	9.2	18	10
Library Science	100.0*	90.0	-10.0	3.5	11
Communications	80.0	88.9*	8.9	20.5	12
Public Affairs and Services	86.9*	88.2*	1.3	15	13
Biological Sciences	91.5*	88.0	-3.5	10	14
Education	87.8*	87.6	-0.2	14	15
Mathematics	96.2	87.5	-8.7	8	16
Agriculture and Natural Resources	75.0	84.2*	9.2	22	17
Letters	83.3	84.1*	0.8	17	18
Fine and Applied Arts	89.1	83.1	-6.0	11.5	19
Foreign Languages	80.0	80.0	0.0	20.5	20
Social Sciences	82.7*	75.0	-7.7	19	21
Psychology	85.0	69.4	-15.6	16	22
Area Studies	100.0	60.0	-40.0	3.5	23

* This value represents an increase over the previous year's percentage value.

TABLE 3.5

PERCENTAGE OF CIVILIAN FULL-TIME EMPLOYED MASTER'S DEGREE GRADUATES EMPLOYED IN PENNSYLVANIA

Major Discipline	Percent 1981	Percent 1982	1981-82 Change	Rank 1981	Rank 1982
Area Studies	75.0	100.0*	25.0	5	1
Education	80.3	81.3*	1.0	2	2
Biological Sciences	62.7*	80.0*	17.3	16	3.5
Library Science	61.1	80.0*	18.9	17	3.5
Health Professions	73.5	78.2*	4.7	6	5
Communications	70.0*	77.8*	7.8	8.5	6
Home Economics	80.0*	76.9	-3.1	3	7
Psychology	70.0	76.5*	6.5	8.5	8
Theology	60.0	75.0*	15.0	18	9
Public Affairs and Services	68.2*	73.5*	5.3	11	10
Social Sciences	67.3*	65.8	-1.5	12	11
Interdisciplinary Studies	86.2*	64.0	-22.2	1	12
Business and Management	63.7	63.9*	0.2	13	13
Letters	76.2*	63.6	-12.6	4	14
Mathematics	69.2*	62.5	-6.7	10	15
Fine and Applied Arts	57.8	59.3*	1.5	19	16
Engineering	63.4*	58.1	-5.3	14	17
Computer and Information Sciences	62.9	55.3	-7.6	15	18
Architecture and Environmental Design	71.4	48.0	-23.4	7	19
Agriculture and Natural Resources	33.3	42.1*	8.8	22	20
Law	26.1	28.6*	2.5	23	21
Physical Sciences	41.3	27.3	-14.0	20	22
Foreign Languages	40.0	20.0	-20.0	21	23

* This value represents an increase over the previous year's percentage value.

TABLE 3.6

MASTER'S DEGREE GRADUATES PURSUING ADVANCED DEGREES

Major Discipline	Percent 1981	Percent 1982	1981-82 Change	Rank 1981	Rank 1982
Physical Sciences	35.1*	35.1	0.0	2	1
Biological Sciences	27.6	33.7*	6.1	5	2
Psychology	27.5*	31.1*	3.6	6	3
Foreign Languages	0.0	26.3*	26.3	22	4
Engineering	19.3*	25.6*	6.3	9	5
Letters	32.6*	25.3	-7.3	4	6
Social Sciences	21.2*	22.9*	1.7	8	7
Computer and Information Sciences	25.0*	21.6	-3.4	7	8
Mathematics	34.1	21.4	-12.7	3	9
Theology	4.8	20.0*	15.2	15.5	10
Agriculture and Natural Resources	36.0*	13.3	-22.7	1	11
Law	11.5*	10.3	-1.2	11	12
Fine and Applied Arts	4.8*	8.7*	3.9	15.5	13
Home Economics	18.2	8.0	-10.2	10	14
Architecture and Environmental Design	6.3	6.5*	0.2	13	15
Business and Management	4.3	4.8*	0.5	17	16
Health Professions	1.4	4.5*	3.1	20	17.5
Public Affairs and Services	5.8*	4.5	-1.3	14	17.5
Education	4.2*	4.4*	0.2	18	19
Library Science	0.0	4.3*	4.3	22	20
Area Studies	0.0	0.0	0.0	22	22
Communications	2.7	0.0	-2.7	19	22
Interdisciplinary Studies	9.1*	0.0	-9.1	12	22

* This value represents an increase over the previous year's percentage value.

VII. RESULTS FOR DOCTORAL DEGREE GRADUATES

Changes in the postgraduate activities of doctoral degree recipients over time may be seen in Table 4.0

TABLE 4.0

RESULTS FOR DOCTORAL DEGREE GRADUATES OVER TIME

Year	Responding Graduates	Full-Time Employed	Part-Time Employed	Unemployed	Advanced Degree	Full Time Employed In Field Prepared	Full Time Employed In Pa.
		%	%	%	%	%	%
1977	500	90.8	3.6	4.2	1.4	90.3	57.0
1978	449	88.8	3.3	4.0	3.8	89.0	54.6
1979	339	90.9	3.2	5.0	0.9	95.8	50.3
1980	339	90.4	3.0	3.3	3.3	97.0	44.9
1981	375	91.7	3.5	3.2	1.6	95.3	41.3
1982	516	85.9	6.6	3.5	3.7	95.2	46.3

As can be seen in Table 4.0, the full-time employment rate of doctoral degree recipients has fluctuated around a value of ninety-one percent during the years of 1977 to 1981 but in 1982 it had dropped to a value of 85.9 percent. Concomitant increases in the rate of part-time employment, unemployment, and postgraduate work beyond the doctorate also occurred in 1982 in contrast to prior years. The rate of obtaining full-time employment in a position related to the graduate's degree field did not change but remained at a value of ninety-five percent. In addition, the rate of employment in Pennsylvania was found to have risen by five percent. This rise, in 1982, is a reversal of the annual decline in the rate of obtaining Pennsylvania employment that had characterized the graduates of the preceding five years.

Table 4.1 gives detailed, by degree field, data on the postgraduation activities of 516 (40.2%) of 1,284 graduates receiving the doctorate from responding Pennsylvania institutions in 1982. More detailed data for these graduates, listed by specific degree field and institutional category, can be found either in the appendix or in tables that are available upon request.

Full-Time Employment of Doctoral Degree Graduates

Table 4.2 ranks each of the major degree fields according to the proportion of 1981 doctoral degree graduates reported as having found full-time employment. Similar data is also given for the graduates of 1981.

While much lower sampling rates for some of the doctoral fields may have resulted in spuriously high or low rates of postgraduate activities for those fields, it is again evident that doctoral graduates, as a whole, enjoy very high rates of full-time employment. The pattern for the 1982 doctoral

TABLE 4.1

EMPLOYMENT STATUS BY MAJOR DISCIPLINE FOR DOCTORAL DEGREE RECIPIENTS FROM ALL SAMPLED INSTITUTIONS IN PENNSYLVANIA, 1982*

MAJOR DISCIPLINE		TOTAL REPORTED	EMPLOYED IN FIELD PREPARED		EMPLOYED IN OTHER FIELD		EMPLOYED PART-TIME	UN-EMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY
			IN PA	OUTSIDE PA	IN PA	OUTSIDE PA					
AGRICULTURE AND NATURAL RESOURCES	#	5	1	3	0	1	0	0	0	0	0
	%	---	20.0	60.0	.0	20.0	.0	.0	.0	.0	.0
BIOLOGICAL SCIENCES	#	39	8	19	0	0	0	2	10	0	0
	%	---	20.5	48.7	.0	.0	.0	5.1	25.6	.0	.0
BUSINESS AND MANAGEMENT	#	15	4	10	0	0	0	0	1	0	0
	%	---	26.7	66.7	.0	.0	.0	.0	6.7	.0	.0
COMMUNICATIONS	#	1	0	1	0	0	0	0	0	0	0
	%	---	.0	100.0	.0	.0	.0	.0	.0	.0	.0
COMPUTER AND INFORMATION SCIENCES	#	15	1	14	0	0	0	0	0	0	0
	%	---	6.7	93.3	.0	.0	.0	.0	.0	.0	.0
EDUCATION	#	170	84	43	7	3	19	10	2	0	2
	%	---	49.4	25.4	4.1	1.8	11.2	5.9	1.2	.0	1.2
ENGINEERING	#	58	20	37	0	0	0	0	0	1	0
	%	---	34.5	63.8	.0	.0	.0	.0	.0	1.7	.0
FINE AND APPLIED ARTS	#	2	1	0	0	0	0	1	0	0	0
	%	---	50.0	.0	.0	.0	.0	50.0	.0	.0	.0
FOREIGN LANGUAGES	#	2	2	0	0	0	0	0	0	0	0
	%	---	100.0	0	.0	.0	.0	.0	.0	.0	.0
HEALTH PROFESSIONS	#	56	26	22	0	0	3	1	3	1	0
	%	---	46.4	39.3	.0	.0	5.4	1.8	5.4	1.8	.0
HOME ECONOMICS	#	7	1	3	0	0	2	1	0	0	0
	%	---	14.3	42.9	.0	.0	28.6	14.3	.0	.0	.0
INTERDISCIPLINARY STUDIES	#	4	3	0	0	0	1	0	0	0	0
	%	---	75.0	.0	.0	.0	25.0	.0	.0	.0	.0
LETTERS	#	22	8	10	0	1	2	1	0	0	0
	%	---	36.4	45.5	.0	4.5	9.1	4.5	.0	.0	.0
LIBRARY SCIENCE	#	5	1	2	1	0	1	0	0	0	0
	%	---	20.0	40.0	20.0	.0	20.0	.0	.0	.0	.0
MATHEMATICS	#	6	1	5	0	0	0	0	0	0	0
	%	---	16.7	83.3	.0	.0	.0	.0	.0	.0	.0
PHYSICAL SCIENCES	#	39	10	23	2	2	0	0	2	0	0
	%	---	25.7	59.0	5.1	5.1	.0	.0	5.1	.0	.0
PSYCHOLOGY	#	24	10	11	0	0	3	0	0	0	0
	%	---	41.7	45.8	.0	.0	12.5	.0	.0	.0	.0
PUBLIC AFFAIRS AND SERVICES	#	13	4	8	0	1	0	0	0	0	0
	%	---	30.8	61.5	.0	7.7	.0	.0	.0	.0	.0
SOCIAL SCIENCES	#	33	7	17	2	1	3	2	1	0	0
	%	---	21.2	51.5	6.1	3.0	9.1	6.1	3.0	.0	.0
TOTAL	#	516	192	228	12	9	34	18	19	2	2
	%	---	37.2	44.2	2.3	1.7	6.6	3.5	3.7	.4	.4

*PERCENTAGES MAY NOT ADD TO 100 DUE TO ROUNDING ERROR.

TABLE 4.2

FULL-TIME EMPLOYMENT OF DOCTORAL DEGREE GRADUATES[1]

Major Discipline	Percent 1981	Percent 1982	1981-82 Change	Rank 1981	Rank 1982
Agriculture and Natural Resources	100.0	100.0	0.0	5	4
Communications	N.R.	100.0	N.A.	-	4
Computer and Information Sciences	100.0	100.0	0.0	5	4
Foreign Languages	66.7*	100.0*	33.3	18	4
Mathematics	100.0*	100.0	0.0	5	4
Public Affairs and Services	100.0	100.0	0.0	5	4
Engineering	100.0	100.0	0.0	5	4
Physical Sciences	96.8	94.9	-1.9	10	8
Business and Management	100.0	93.4	-6.6	5	9
Psychology	92.6	87.5	-5.1	12	10.5
Health Professions	90.0*	87.5	-2.5	13	10.5
Letters	96.5*	86.4	-6.2	11	12
Social Sciences	83.3	81.8	-1.5	17	13
Education	87.6	80.7	-6.9	15	14
Library Science	N.R.	80.0	N.A.	-	15
Interdisciplinary Studies	100.0	75.0	-25.05	5	16
Biological Sciences	87.8*	69.2	-18.6	14	17
Home Economics	85.7	57.2	-28.6	16	18
Fine and Applied Arts	100.0*	50.0	-50.0	5	19
Area Studies	100.0*	N.A.	N.A.	5	--

* This value represents an increase over the previous year's percentage value.

[1] Graduates in military service are included.

graduates has been, nevertheless, one of decline compared with rates for the graduates of 1981. This finding is consistent with findings for 1982 graduates at other degree levels.

The most notable declines in full-time employment for 1982 graduates were in the following fields: fine and applied arts (100% to 50%), home economics (85.7% to 57.2%), interdisciplinary studies (100% to 75%), biological sciences (87.8% to 69.2%) and letters (96.5% to 86.4%).

Full-Time Employment of Doctoral Graduates in the Civilian Labor Market

When only those doctoral degree graduates who obtained full-time, or part-time, civilian employment or who were still seeking employment are considered, a somewhat different picture than that found in Table 4.2 emerges (See Table 4.3).

While the rate of degree field full-time employment of doctoral graduates in the civilian labor market generally increased in Table 4.3, those who majored in the fine and applied arts, in home economics, in interdisciplinary studies, in psychology, and in letters continued to show a high rate of full-time employment decline. Apparently, doctoral graduates in these degree fields choose to engage in job-seeking activity rather than leave the labor market for post-doctoral work or for some other non-labor market activity.

Doctoral Degree Graduates Employed Full-Time in Their Field of Preparation

Table 4.4 indicates that a very high proportion of the full-time employed 1982 doctoral degree graduates found employment related to their degree field. This is, of course, not an unexpected finding. Twelve of the nineteen disciplines shown in Table 4.4 had a rate of 100 percent employment in a degree-related position. Only the graduates of four of these nineteen major disciplines had degree-related employment rates that fell below ninety-percent, i.e., graduates in the physical sciences (89.2%), the social sciences (88.9%), in agricultural and natural resources, and in library science (75%).

A decline in the proportion of doctoral graduates finding degree-related employment was observed for the disciplines of: public affairs and services (100% to 92.3%), the physical sciences (100% to 89.2%) and agriculture and natural resources (100% to 80%).

Doctoral Degree Graduate Full-Time Employment in Pennsylvania

Table 4.5 indicates the degree to which Pennsylvania's 1981 and 1982 doctoral graduates in the various major disciplines found full-time employment in Pennsylvania and ranks these disciplines according to the 1982 findings.

It is interesting to note that there was a greater tendency for 1982 graduates in many of these disciplines to find their employment in Pennsylvania in contrast to their 1981 counterparts, i.e., forty-two percent of the disciplines reported in 1982, compared with twenty-three and one-half percent in 1981, were reported as increasing their rate of Pennsylvania employment.

It should be kept in mind, however, that the rankings and percentages for given disciplines may be based on very small numbers of doctoral graduates.

TABLE 4.3

FULL-TIME EMPLOYMENT OF DOCTORAL DEGREE GRADUATES WHO ARE IN THE CIVILIAN LABOR MARKET[1]

Major Discipline	Percent 1981	Percent 1982	1981-82 Change	Rank 1981	Rank 1982
Agriculture and Natural Resources	100.0	100.0	0.0	5.5	5
Business and Management	100.0	100.0	0.0	5.5	5
Communications	N.R.	100.0	N.A.	-	5
Computer and Information Sciences	100.0	100.0	0.0	5.5	5
Engineering	100.0	100.0	0.0	5.5	5
Foreign Languages	66.7	100.0*	33.3	18	5
Mathematics	100.0	100.0	0.0	5.5	5
Physical Sciences	96.8	100.0*	3.2	11	5
Public Affairs and Services	100.0	100.0	0.0	5.5	5
Biological Sciences	94.7	93.1	-1.6	13	10
Health Professions	90.0	92.3*	2.3	15	11
Psychology	92.6	87.5	-5.1	14	12
Letters	96.5	86.4	-10.1	12	13
Social Sciences	87.0	84.4	-2.6	17	14
Education	88.4	82.5	-5.9	16	15
Library Science	N.R.	80.0	N.A.	-	16
Interdisciplinary Studies	100.0	75.0	-25.0	5.5	17
Home Economics	100.0	57.1	-42.9	5.5	18
Fine and Applied Arts	100.0	50.0	-50.0	5.5	19

* This value represents an increase over the previous year's percentage value. No asterisks are shown for the 1981 values due to the lack of similar 1980 values in the previous year's report.

[1] Excludes those pursuing a graduate degree, those entering military service, and those not seeking employment.

Table 4.4

PERCENTAGE OF CIVILIAN FULL-TIME EMPLOYED DOCTORAL DEGREE GRADUATES EMPLOYED IN THEIR FIELD OF PREPARATION

Major Discipline	Percent 1981	Percent 1982	1981-82 Change	Rank 1981	Rank 1982
Biological Sciences	97.2	100.0*	2.8	12	6.5
Business and Management	100.0	100.0	0.0	6	6.5
Communications	N.R.	100.0	N.A.	-	6.5
Computer and Information Sciences	100.0	100.0	0.0	6	6.5
Engineering	100.0*	100.0	0.0	6	6.5
Fine and Applied Arts	0.0	100.0*	100.0	18	6.5
Foreign Languages	100.0	100.0	0.0	6	6.5
Health Professions	88.9	100.0*	12.0	16	6.5
Home Economics	100.0	100.0	0.0	6	6.5
Interdisciplinary Studies	100.0	100.0	0.0	6	6.5
Mathematics	100.0	100.0	0.0	6	6.5
Psychology	100.0	100.0	0.0	6	6.5
Letters	89.3	94.7*	5.4	15	13
Education	92.9	92.7	-0.2	14	14
Public Affairs and Services	100.0	92.3	-7.7	6	15
Physical Sciences	100.0*	89.2	-10.8	6	16
Social Sciences	95.0	88.9	-6.1	13	17
Agriculture and Natural Resources	100.0	80.0	-20.0	6	18
Library Science	N.R.	75.0	N.A.	-	19

* This value represents an increase over the previous year's percentage value.

TABLE 4.5

PERCENTAGE OF CIVILIAN FULL-TIME EMPLOYED DOCTORAL DEGREE GRADUATES EMPLOYED IN PENNSYLVANIA

Major Discipline	Percent 1981	Percent 1982	1981-82 Change	Rank 1981	Rank 1982
Fine and Applied Arts	100.0	100.0	0.0	1	2
Foreign Languages	50.0	100.0*	50.0	4	2
Interdisciplinary Studies	0.0	100.0*	100.0	16.5	2
Education	66.7*	66.4	-0.3	3	4
Health Professions	44.4	54.2*	9.8	6	5
Library Science	N.A.	50.0	N.A.	-	6
Psychology	68.0*	47.6	-20.4	2	7
Letters	32.1*	42.1*	10.0	9	8
Engineering	22.0	35.1*	13.1	10.5	9
Social Sciences	45.0	33.3	-11.7	5	10
Physical Sciences	36.7*	32.4	-4.3	7	11
Public Affairs and Services	0.0	30.8*	30.8	16.5	12
Biological Sciences	22.2	29.6*	7.4	10.5	13
Business and Management	13.3	28.6*	15.3	14	14
Home Economics	16.7	25.0*	8.3	13	15
Agriculture and Natural Resources	0.0	20.0*	20.0	16.5	16
Mathematics	20.0	16.7	-3.3	12	17
Computer and Information Systems	0.0	6.7*	6.7	16.5	18
Communications	N.R.	0.0	N.A.	-	19

* This value represents an increase over the previous year's percentage value.

VIII. RESULTS FOR FIRST-PROFESSIONAL DEGREE GRADUATES

While the 1982 full-time employment rate for the first-professional degree graduate is still high (92.8%), Table 5.0 shows that a decline in full-time employment occurred between 1981 and 1982. This finding is consistent with findings for the other degrees.

TABLE 5.0

RESULTS FOR FIRST-PROFESSIONAL DEGREE GRADUATES OVER TIME

Year	Responding Graduates	Full-Time Employed	Part-Time Employed	Unemployed	Advanced Degree	Full Time Employed In Field Prepared	Full Time Employed In Pa.
		%	%	%	%	%	%
1977	2,645	91.9	0.5	2.2	5.4	96.4	57.1
1978	2,567	94.8	0.7	1.8	2.6	98.5	57.3
1979	2,290	95.1	1.3	1.5	2.1	98.8	60.0
1980	2,272	94.9	0.2	2.2	2.6	98.7	57.3
1981	2,184	96.1	0.3	2.1	1.5	99.5	54.9
1982	2,163	92.8	0.7	1.7	3.8	99.3	61.5

Of those employed full-time, almost all (99.3%) were employed in the professional field for which they had been prepared. This result is comparable to that for 1981 but represents a further decline from the 1979 high point.

Table 5.0 also indicates that a substantial majority (61.5%) of the full-time employed first-professional degree graduates of 1982 were practicing their profession in Pennsylvania. This represents an increase over findings for the preceding five years. Detailed findings, by degree field, for 2,163 (89.2%) of 2,426 first-professional graduates of 1982 are found in table 5.1.

Full-Time Employment of First-Professional Degree Graduates

Table 5.2 compares the proportion of first-professional graduates finding full-time employment over the years 1981 and 1982 for each major degree field and lists these disciplines in order of their 1982 full-time employment rankings. As can be readily seen these rankings have been relatively invariant in rank order over these years. The full-time employment rates upon which the rankings are based have, however, tended to decline during these same years. This decline has been most evident in the case of first-professional graduates in the field of dentistry where the full-time employment rate dropped from 89.3 percent to 68.3 percent.

Employment of First-Professional Degree Graduates in the Labor Market

When those first-professional graduates who have gone on to postgraduate work or other activities then job-seeking are excluded, the proportion of graduates in the labor market with full-time employment in their discipline

TABLE 5.1

EMPLOYMENT STATUS BY MAJOR DISCIPLINE FOR FIRST-PROFESSIONAL DEGREE RECIPIENTS FROM ALL SAMPLED INSTITUTIONS IN PENNSYLVANIA, 1982*

MAJOR DISCIPLINE		TOTAL REPORTED	EMPLOYED IN FIELD PREPARED		EMPLOYED IN OTHER FIELD		EMPLOYED PART-TIME	UN-EMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY
			IN PA	OUTSIDE PA	IN PA	OUTSIDE PA					
HEALTH PROFESSIONS											
DENTISTRY, D.D.S. OR D.M.D. DEGREE	#	271	104	81	0	0	0	3	69	0	14
	%	---	38.4	29.9	.0	.0	.0	1.1	25.5	.0	5.2
MEDICINE, M.D. DEGREE	#	970	519	440	0	0	0	1	8	0	2
	%	---	53.5	45.4	.0	.0	.0	.1	.8	.0	.2
OPTOMETRY (O.D. DEGREE)	#	87	22	55	1	1	7	1	0	0	0
	%	---	25.3	63.2	1.1	1.1	8.0	1.1	.0	.0	.0
OSTEOPATHIC MEDICINE	#	201	157	44	0	0	0	0	0	0	0
	%	---	78.1	21.9	.0	.0	.0	.0	.0	.0	.0
PODIATRY OR PODIATRIC MEDICINE	#	111	56	55	0	0	0	0	0	0	0
	%	---	50.5	49.5	.0	.0	.0	.0	.0	.0	.0
OTHER	#	4	2	2	0	0	0	0	0	0	0
	%	---	50.0	50.0	.0	.0	.0	.0	.0	.0	.0
TOTAL HEALTH PROFESSIONS	#	1,644	860	677	1	1	7	5	77	0	16
	%	---	52.3	41.2	.1	.1	.4	.3	4.7	.0	1.0
LAW											
LAW, GENERAL	#	519	363	94	10	2	8	31	6	0	5
	%	---	69.9	18.1	1.9	.4	1.5	6.0	1.2	.0	1.0
TOTAL LAW	#	519	363	94	10	2	8	31	6	0	5
	%	---	69.9	18.1	1.9	.4	1.5	6.0	1.2	.0	1.0
TOTAL	#	2,163	1,223	771	11	3	15	36	83	0	21
	%	---	56.5	35.7	.5	.1	.7	1.7	3.8	.0	1.0

*PERCENTAGES MAY NOT ADD TO 100 DUE TO ROUNDING ERROR.

TABLE 5.2

PERCENTAGE OF FIRST-PROFESSIONAL DEGREE
GRADUATES WITH FULL-TIME EMPLOYMENT

Major Discipline	Percent 1981	Percent 1982	1981-82 Change	Rank 1981	Rank 1982
Osteopathy (D.O.)	100.0	100.0	0.0	1.5	1.5
Podiatry	100.0	100.0	0.0	1.5	1.5
Medicine (M.D.)	99.9	98.9	-1.0	3	3
Optometry	93.3	90.7	-2.6	4	4
Law	91.7*	90.3	-1.4	5	5
Veterinary Medicine	90.0	--	N.A.	6	-
Dentistry	89.3*	68.3	-21.0	7	6

* This value represents an increase over the previous year's percentage value.

TABLE 5.3

PERCENTAGE OF FIRST-PROFESSIONAL DEGREE GRADUATES
IN THE LABOR MARKET WITH FULL-TIME EMPLOYMENT

Major Discipline	Percent 1981	Percent 1982	1981-82 Change	Rank 1981	Rank 1982
Osteopathy (D.O.)	100.0	100.0	0.0	2.0	1.5
Podiatry	100.0	100.0	0.0	2.0	1.5
Veterinary Medicine	100.0	---	N.A.	2.0	-
Medicine (M.D.)	99.9	99.9	0.0	4	3
Dentistry	94.4	98.4*	4.0	6	4
Law	93.3*	92.3	-1.0	5	5
Optometry	98.8*	90.7	-8.1	7	6

* This value represents an increase over the previous year's percentage value.

rises substantially. Dentistry no longer ranks lowest and all of the disciplines now show full-time employment rates above ninety percent (Table 5.3). Of these first-professional disciplines only graduates in Law and Optometry have full-time employment rates that are not at, or close to, one hundred percent, i.e., 92.3 percent for Law and 90.7 percent for Optometry.

First-Professional Degree Graduates Employed in Their Field of Preparation

Table 5.4 lists the major first-professional degree fields according to 1982 rankings of the proportion of graduates having found full-time employment that is related to their discipline. Comparable data for the years 1981 and 1982 are provided.

As can be seen in Table 5.4, graduates in virtually all of the disciplines, with the exception of veterinary medicine in 1981, reported that they were working in jobs that were related to their field of preparation. Even in the case of veterinary medicine only five percent of the full-time employed veterinary medicine graduates of 1981 were reported as working in positions unrelated to their field of preparation. Of the other first-professional disciplines listed, only graduates in optometry and law had less than one hundred percent of their graduates (in the labor market) reporting related employment. The rates of unrelated employment for optometry and law were 2.5 percent and 2.6 percent, respectively.

Pennsylvania Employment of First-Professional Degree Graduates

Table 5.5 lists the major first-professional degree disciplines by their 1982 ranking with regard to the proportion of full-time employed graduates working in Pennsylvania. Comparative data for the year 1981 is included.

As can be seen in Table 5.5, the first-professional degree disciplines have varied considerably over time with regard to the degree to which their graduates found employment in Pennsylvania.

Most (71.2%) of 1982's optometry graduates were reported to be employed out-of-state and nearly half of the podiatric medicine (49.5%), general medicine (45.9%), and dentistry (43.8%) graduates were also reported as employed outside of Pennsylvania. Veterinary medicine, in contrast, had only 5.3 percent of its 1981 graduates leave the state (data on 1982 graduates was, unfortunately, not available). In addition, only 20.5 percent of law and 21.9 percent of osteopathy (D.O.) 1982 graduates left Pennsylvania for out-of-state practice.

TABLE 5.4

PERCENTAGE OF FULL-TIME EMPLOYED FIRST-PROFESSIONAL
DEGREE GRADUATES EMPLOYED IN THEIR FIELD OF PREPARATION

Major Discipline	Percent 1981	Percent 1982	1981-82 Change	Rank 1981	Rank 1982
Dentistry	100.0	100.0	0.0	2.5	2.5
Medicine (M.D.)	100.0	100.0	0.0	2.5	2.5
Osteopathy (D.O.)	100.0	100.0	0.0	2.5	2.5
Podiatric Medicine	100.0	100.0	0.0	2.5	2.5
Optometry	98.8	97.5	-1.3	5	5
Law	98.6*	97.4	-1.2	6	6
Veterinary Medicine	94.7	--	N.A.	7	-

* This value represents an increase over the previous year's percentage value.

TABLE 5.5

PERCENTAGE OF FULL-TIME EMPLOYED FIRST-PROFESSIONAL
DEGREE GRADUATES EMPLOYED IN PENNSYLVANIA

Major Discipline	Percent 1981	Percent 1982	1981-82 Change	Rank 1981	Rank 1982
Veterinary Medicine	94.7	--	N.A.	-	-
Law	64.3*	79.5*	15.2	1	1
Osteopathy (D.O.)	57.8	78.1*	20.2	2	2
Dentistry	51.4	56.2*	4.8	3	3
Medicine (M.D.)	51.3	54.1*	2.8	4	4
Podiatric Medicine	49.5*	50.5*	1.0	5	5
Optometry	32.1	29.1	-3.0	6	6

* This value represents an increase over the previous year's percentage value.

IX. RESULTS FOR ASSOCIATE DEGREE GRADUATES

Table 6.1 gives detailed findings, by major discipline area, concerning the postgraduate activities of the associate (2 year) degree graduates of 1982 while Table 6.0, below, indicates changes in associate degree postgraduate activity that have taken place over time from 1977 through 1982.

TABLE 6.0

RESULTS FOR ASSOCIATE DEGREE GRADUATES OVER TIME

Year	Responding Graduates	Full-Time Employed	Part-Time Employed	Unemployed	Advanced Degree	Full Time Employed In Field Prepared	Full Time Employed In Pa.
		%	%	%	%	%	%
1977	8,589	63.0	4.5	4.9	27.6	87.2	84.2
1978	9,128	68.5	3.5	6.1	21.9	85.7	86.9
1979	8,860	71.7	2.2	4.2	21.9	87.0	84.6
1980	8,853	68.1	3.8	5.9	22.1	87.9	87.4
1981	9,993	70.2	3.5	6.6	19.7	88.2	84.5
1982	8,938	61.3	5.7	12.1	17.2	84.9	84.2

As was found for other degree level graduates, a drop in full-time employment took place in 1982 with a concomitant rise in unemployment and part-time employment. The observed decline in full-time employment was greater than for any other prior year. Full-time employment fell from 70.2 percent in 1981 to 61.3 percent in 1982 with a concomitant increase in unemployment and part-time employment from 6.6 to 12.1 percent and 3.5 percent to 5.7 percent, respectively.

The rate of full-time employment in Pennsylvania did not, in contrast, change appreciably during the period of 1981 to 1982. There was, however, a decline in the rate of degree-related full-time employment from 88.2 percent to 84.9 percent during this same period. Movement of associate degree graduates into advanced degree work also declined, for the second year in a row, from 19.7 percent to 17.2 percent.

The findings of Table 6.0 seem to be reflective of the economic downturn of the last several years which has apparently impacted the associate degree graduates to a larger extent than has been true of the higher level degree graduates.

More detailed information on 8,938 (74.3%) of 12,029 associate degree graduates, by degree field, is to be found in Table 6.1 and also in the appendix of this report.

Full-Time Employment of Associate Degree Graduates

Table 6.2 gives the percentage of associate degree graduates finding full-time employment. These figures are listed by major degree field according

TABLE 6.1

EMPLOYMENT STATUS BY MAJOR DISCIPLINE FOR ASSOCIATE DEGREE RECIPIENTS FROM ALL SAMPLED INSTITUTIONS IN PENNSYLVANIA, 1982*

MAJOR DISCIPLINE		TOTAL REPORTED	EMPLOYED IN FIELD PREPARED		EMPLOYED IN OTHER FIELD		EMPLOYED PART-TIME	UN-EMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY
			IN PA	OUTSIDE PA	IN PA	OUTSIDE PA					
ARTS AND SCIENCE TRANSFERS	#	972	116	8	157	5	75	64	437	4	106
	%	---	11.9	.8	16.2	.5	7.7	6.6	45.0	.4	10.9
BUSINESS AND COMMERCE TECHNOLOGIES	#	2,487	1,223	143	215	21	154	262	370	5	94
	%	---	49.2	5.7	8.6	.8	6.2	10.5	14.9	.2	3.8
DATA PROCESSING TECHNOLOGIES	#	711	297	42	70	3	41	110	105	6	37
	%	---	41.8	5.9	9.8	.4	5.8	15.5	14.8	.8	5.2
HEALTH SERVICES AND PARAMEDICAL TECHNOLOGIES	#	1,548	1,056	68	33	5	122	66	154	3	41
	%	---	68.2	4.4	2.1	.3	7.9	4.3	9.9	.2	2.6
MECHANICAL AND ENGINEERING TECHNOLOGIES	#	2,638	918	511	204	21	60	535	322	36	31
	%	---	34.8	19.4	7.7	.8	2.3	20.3	12.2	1.4	1.2
NATURAL SCIENCE TECHNOLOGIES	#	234	83	17	34	4	13	19	59	0	5
	%	---	35.5	7.3	14.5	1.7	5.6	8.1	25.2	.0	2.1
PUBLIC SERVICE RELATED TECHNOLOGIES	#	348	115	7	44	1	46	27	94	0	14
	%	---	33.0	2.0	12.6	.3	13.2	7.8	27.0	.0	4.0
TOTAL	#	8,938	3,808	796	757	60	511	1,083	1,541	54	328
	%	---	42.6	8.9	8.5	.7	5.7	12.1	17.2	.6	3.7

*PERCENTAGES MAY NOT ADD TO 100 DUE TO ROUNDING ERROR.

TABLE 6.2

PERCENTAGE OF ASSOCIATE DEGREE GRADUATES WITH FULL-TIME EMPLOYMENT[1]

Major Discipline	Percent 1981	Percent 1982	1981-82 Change	Rank 1981	Rank 1982
Health Ser[illegible] and [illegible]edical Tech.	85.0*	75.2	-9.8	1	1
Business an[illegible]hnologies	72.7	64.5	-8.2	3	2
Mechanical a[illegible] Tech.	80.1*	64.1	-16.0	2	3
Natural Science [illegible]es	72.2*	59.0	-13.2	4	4
Data Processing [illegible]es	70.6	58.7	-11.9	5	5
Public Service Related [illegible]hnologies	55.5	47.9	-7.6	6	6
Arts and Science Transfers	32.3*	29.8	-2.5	7	7

* This value represents an increase over the previous year's percentage value.

[1] Includes graduates in military service.

TABLE 6.3

PERCENTAGE OF ASSOCIATE DEGREE GRADUATES IN THE CIVILIAN LABOR MARKET WITH FULL-TIME EMPLOYMENT[1]

Major Discipline[1]	Percent 1981	Percent 1982	1981-82 Change	Rank 1981	Rank 1982
Health Services and Paramedical Tech.	92.3*	86.1	-6.2	1	1
Natural Science Technologies	84.4*	81.2	-3.2	5	2
Business and Commerce Technologies	85.2	79.4	-5.8	3	3
Mechanical and Engineering Tech.	89.8	73.5	-16.3	2	4
Data Processing Technologies	81.1	73.2	-7.9	6	5
Public Service Related Technologies	78.8	69.6	-9.2	7	6
Arts and Science Transfers	84.6*	67.3	-17.3	4	7

* This value represents an increase over the previous year's percentage value.

[1] Excludes those pursuing an advanced degree, those in military service and those not seeking employment.

to the percentage of full-time employment found for the graduates of 1982. For comparative purposes, percentage values and rankings for 1980 and 1981 graduates are also given.

Graduates in virtually all of the degree fields of Table 6.2 have experienced a substantial decline in the rate of full-time employment between 1981 and 1982. Graduates of three of these seven disciplines have also suffered a decline over each of the last two years, i.e., business and commerce technologies, data processing technologies, and public service related technologies.

Full-Time Employment of Associate Degree Graduates in the Civilian Labor Market

Table 6.3 is based upon only those graduates holding a full- or part-time position or still seeking employment (graduates in military service excluded). It presents information that is comparable to that in Table 6.3 but the ordering of the major disciplines and their associated percentage of employment figures differ, i.e., the rankings may differ and the full-time employment percentage figures are, of necessity, generally larger.

The top three major degree fields in Table 6.3 are: (1) health services and paramedical technology, (2) natural science technologies, and (3) business and commerce technologies. Natural science technologies has now replaced the degree field of mechanical and engineering technologies as one of the top three.

Both tables (Tables 6.2 and 6.3) reflect a pattern of decline in the incidence of full-time employment that is similar to that which has been found for 1982 graduates at every other degree level.

Full-Time Civilian Employment of Associate Degree Graduates in Their Degree Field

Table 6.4 lists, for the years 1981 and 1982, the proportion of full-time employed associate degree graduates who had found employment related to the discipline in which they had taken their degree.

Here again, with the exception of public service related technology graduates, the pattern is one of a reduction in the degree-related employment percentage values of 1982 over the prior year's (1981) figures. The rank order of individual associate degree disciplines has, however, remained relatively stable over time. There have been only two exceptions to this, a slight decline in the ranking of natural science technology graduates from five to six and a parallel increase in the full-time employment ranking of public service related technology graduates (from six to five). The inversion of rank for degree-related employment in these two fields does not, however, represent a significant change in rank order for these graduates since there is so little difference between their actual rates of full-time employment.

Full-Time Civilian Employment of Associate Degree Graduates in Pennsylvania

Table 6.5 indicates the percentage of graduates, by major discipline, who had found full-time employment in Pennsylvania. It lists the major degree fields in order of the full-time Pennsylvania employment rates of 1982. Table 6.5 also includes comparable data for the graduates of 1981.

TABLE 6.4

PERCENTAGE OF CIVILIAN FULL-TIME EMPLOYED ASSOCIATE DEGREE GRADUATES EMPLOYED IN THEIR FIELD OF PREPARATION[1]

Major Discipline	Percent 1981	Percent 1982	1981-82 Change	Rank 1981	Rank 1982
Health Services and Paramedical Tech.	98.1	96.7	-1.4	1	1
Mechanical and Engineering Tech.	90.2	86.4	-3.8	2	2
Business and Commerce Technologies	89.5	85.3	-4.2	3	3
Data Processing Technologies	88.2	82.3	-5.9	4	4
Public Service Related Technologies	65.7	73.1*	7.4	6	5
Natural Science Technologies	76.0	72.5	-3.5	5	6
Arts and Science Transfers	55.9	43.4	-12.5	7	7

* This value represents an increase over the previous year's percentage value.

[1] Graduates in military service are excluded.

TABLE 6.5

PERCENTAGE OF CIVILIAN FULL-TIME EMPLOYED ASSOCIATE DEGREE GRADUATES EMPLOYED IN PENNSYLVANIA[1]

Major Discipline	Percent 1981	Percent 1982	1981-82 Change	Rank 1981	Rank 1982
Arts and Science Transfers	94.1	95.5	-1.4	2	1
Public Service Related Technologies	96.5	95.2	-1.3	1	2
Health Services and Paramedical Tech.	93.8	93.7	-0.1	3	3
Business and Commerce Technologies	89.4	89.8*	0.4	6	4
Data Processing Technologies	91.1	89.1	-2.0	4.5	5
Natural Science Technologies	91.1	84.8	-6.3	4.5	6
Mechanical and Engineering Tech.	67.7	67.8*	0.1	7	7

* This value represents an increase over the previous year's percentage value.

[1] Graduates in military service are excluded.

As can be seen in Table 6.5, the employment pattern is one of a high rate of Pennsylvania employment for associate degree graduates. The only exception to this pattern is that of mechanical and engineering technology graduates who apparently tend to find employment in a national labor market rather than a state market. The disciplines appearing in Table 6.5 have, in addition, maintained a very similar rank order position over time with only minor changes in rank order position from year to year.

Pennsylvania, over the last three years, has apparently been relatively steady in its full-employment holding power and has even, in the case of data processing technologies, increased its holding power. This is indeed remarkable in light of Pennsylvania's economic difficulties during this same period.

Associate Degree Graduates Pursuing Advanced Degrees

Table 6.6 provides data on the proportion of associate degree graduates going on for an advanced degree rather than entering the labor market. The major degree fields in Table 6.6 are ranked in order of the findings for 1982. Comparable percentage figures and rankings are also provided for graduates of 1981 as well.

TABLE 6.6

PERCENTAGE OF ASSOCIATE DEGREE
GRADUATES PURSUING ADVANCED DEGREES

Major Discipline	Percent		1981-82	Rank	
	1981	1982	Change	1981	1982
Arts and Science Transfers	61.9	45.0	-16.9	1	1
Public Service Related Technologies	29.2*	27.0	-2.2	2	2
Natural Science Technologies	14.4	25.2*	10.8	4	3
Business and Commerce Technologies	14.7*	14.9*	0.2	3	4
Data Processing Technologies	13.0*	14.8*	1.8	5	5
Mechanical and Engineering Tech.	10.8	12.2*	1.4	6	6
Health Services and Paramedical Tech.	7.8	9.9*	2.1	7	7

* This value represents an increase over the previous year's percentage value.

The most striking finding of Table 6.6 is the marked drop in the proportion of arts and science transfer students going on for an advanced degree. The table indicates that the proportion going on for an advanced degree dropped sharply from 61.9 percent in 1981 to 45.0 percent in 1982. These graduates are the very students who would normally be expected to go on for a degree in a four year institution. If valid, this finding may be once again reflective of the economic realities of the recent recession and the consequent economic pressures (unemployment, etc.) felt by the parents of these students. It should be noted, however, that graduates in the natural science technologies, the data processing technologies, the health services technologies, and, to a degree, the mechanical and engineering technologies did experience appreciable growth in advanced degree participation during this same period.

X. SUMMARY OF RESULTS

1. The recent economic recession apparently had an impact upon the ability of the graduates of 1982 to find full-time employment. There was a decline, across all degree levels, in the rate of full-time employment with the greatest impact upon the holders of the associate degree whose rate of full-time employment dropped from 70.2 percent in 1981 to 61.3 percent in 1982.

2. Full-time employment in the field for which they had prepared declined for the associate degree graduates (88.2% to 84.9%) and for the first-professional degree graduates (99.5% to 99.3%) while the rates for holders of other degrees held constant or, in the case of baccalaureate graduates, rose from 70.9 percent to 80.4 percent.

3. The rates of full-time employment within Pennsylvania rose for the first-professional and the doctoral degree holder (54.9% to 61.5% and 41.3% to 46.3%, respectively) while holding steady for the other degree holders.

4. Employment in the field for which they had prepared was substantially higher for the doctoral and first-professional graduates (95.2% and 99.3%, respectively) than for the associate, baccalaureate and master's degree holders (84.9%, 80.4% and 89.3%, respectively).

5. Full-time employment in Pennsylvania varied widely across degree levels. The holders of the associate degree and the master's degree had the highest rates of Pennsylvania employment (84.2% and 70.7%, respectively) while the bachelor's, doctoral and first-professional degree holders had the lowest rates of Pennsylvania employment (66.0%, 46.3% and 61.5%, respectively).

6. Overall, 66.0 percent of the bachelor's degree holders were employed full-time in Pennsylvania and 80.4 percent held full-time positions in Pennsylvania.

7. At the doctoral and first-professional degree levels the proportion with full-time employment remained relatively high (85.9% and 92.8%, respectively) with the associate bachelor's and master's degree holders relatively lower, (61.3%, 62.9% and 78.4%, respectively).

8. The rate of full-time teaching employment for graduates with a Pennsylvania teaching certificate varied widely with the area of specialization, i.e., degree field. The top ranked degree fields were: physics (100%), education of the visually impaired (84.6%), accounting (80.9%), chemistry (77.3%), vocational education (76.2%), library science (76.0%), mathematics (75.2%), physics and mathematics (75.0%), typewriting (72.2%), and the education of the mentally and physically handicapped (72.1%).

   Conversely, the degree fields with the lowest rates of full-time employment were: earth and space sciences (26.3%), data processing (33.3%), agriculture (33.3%), speech correction (35.4%), communications (36.9%), health and physical education (38.3%), art (43.2%), social studies (46.8%), Italian (50.0%) marketing (50.0%), and German (50.0%).

9. This report indicates that Pennsylvania's higher education programs are still generally relevant to postgraduation pursuits over a broad spectrum of occupations and degree levels despite the impact of the recent economic downturn.

APPENDIX

The tables in the appendix supplement those in the body of this report. Tables 7.0 through 10.2 give postgraduate employment status data for graduates in each major discipline, degree level, and institutional type. Detailed postgraduate information is available by degree field and institutional category for bachelor's, master's, doctoral, and associate degree graduates in Tables 11.0 through 14.0 but tables 13.0, 13.1, 13.2, and 13.3 (master's degree by higher education sector) and table 14.0 (doctoral graduates) are not included in order to reduce the size of this publication. Because of the smaller sample sizes this level of detail must, in any case, be handled with caution at the master's and doctoral level. These latter tables are available only upon request to the author of this report.

Data on baccalaureate education graduates has not been included in the tables of this appendix. Detailed education graduate data at the baccalaureate level can, however, be found in the body of the text in the form of data on the certificated graduates of 1982 (Table 1.1).

TABLE 7.0

EMPLOYMENT STATUS BY MAJOR DISCIPLINE FOR BACCALAUREATE DEGREE RECIPIENTS FROM THE STATE SYSTEM OF HIGHER EDUCATION IN PENNSYLVANIA, 1982*

MAJOR DISCIPLINE		TOTAL REPORTED	EMPLOYED IN FIELD PREPARED IN PA	EMPLOYED IN FIELD PREPARED OUTSIDE PA	EMPLOYED IN OTHER FIELD IN PA	EMPLOYED IN OTHER FIELD OUTSIDE PA	EMPLOYED PART TIME	UN-EMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY
AGRICULTURE AND NATURAL RESOURCES	#	33	7	1	6	1	2	12	3	1	0
	%		21.2	3.0	18.2	3.0	6.1	36.4	9.1	3.0	.0
ARCHITECTURE AND ENVIRONMENTAL DESIGN	#	18	9	2	1	0	1	3	1	1	0
	%		50.0	11.1	5.6	.0	5.6	16.7	5.6	5.6	.0
AREA STUDIES	#	0	0	0	0	0	0	0	0	0	0
	%		.0	.0	.0	.0	.0	.0	.0	.0	.0
BIOLOGICAL SCIENCES	#	217	44	17	23	6	23	30	68	5	1
	%		20.3	7.8	10.6	2.8	10.6	13.8	31.3	2.3	.5
BUSINESS AND MANAGEMENT	#	1819	806	277	118	26	89	387	78	26	12
	%		44.3	15.2	6.5	1.4	4.9	21.3	4.3	1.4	.7
COMMUNICATIONS	#	370	126	25	72	21	36	53	29	3	5
	%		34.1	6.8	19.5	5.7	9.7	14.3	7.8	.8	1.4
COMPUTER AND INFORMATION SCIENCES	#	354	177	84	9	1	11	61	5	5	1
	%		50.0	23.7	2.5	.3	3.1	17.2	1.4	1.4	.3
ENGINEERING	#	95	33	21	4	0	1	32	4	0	0
	%		34.7	22.1	4.2	.0	1.1	33.7	4.2	.0	.0
FINE AND APPLIED ARTS	#	205	48	22	38	8	38	32	18	0	1
	%		23.4	10.7	18.5	3.9	18.5	15.6	8.8	.0	.5
FOREIGN LANGUAGES	#	32	6	5	4	3	2	6	5	0	1
	%		18.8	15.6	12.5	9.4	6.3	18.8	15.6	.0	3.1
HEALTH PROFESSIONS	#	459	332	68	11	1	19	14	12	0	2
	%		72.3	14.8	2.4	.2	4.1	3.1	2.6	.0	.4
HOME ECONOMICS	#	203	93	40	6	0	13	23	26	0	2
	%		45.8	19.7	3.0	.0	6.4	11.3	12.8	.0	1.0

TABLE 7.0 (continued)

EMPLOYMENT STATUS BY MAJOR DISCIPLINE FOR BACCALAUREATE DEGREE RECIPIENTS
FROM THE STATE SYSTEM OF HIGHER EDUCATION IN PENNSYLVANIA, 1982*

MAJOR DISCIPLINE		TOTAL REPORTED	EMPLOYED IN FIELD PREPARED IN PA	EMPLOYED IN FIELD PREPARED OUTSIDE PA	EMPLOYED IN OTHER FIELD IN PA	EMPLOYED IN OTHER FIELD OUTSIDE PA	EMPLOYED PART TIME	UN-EMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY
INTERDISCIPLINARY STUDIES	#	40	10	1	4	1	2	8	13	1	0
	%		25.0	2.5	10.0	2.5	5.0	20.0	32.5	2.5	.0
LETTERS	#	134	26	8	26	8	12	21	32	1	0
	%		19.4	6.0	19.4	6.0	9.0	15.7	23.9	.7	.0
MATHEMATICS	#	59	20	11	1	1	1	13	7	4	1
	%		33.9	18.6	1.7	1.7	1.7	22.0	11.9	6.8	1.7
PHYSICAL SCIENCES	#	173	38	21	19	7	10	26	46	6	0
	%		22.0	12.1	11.0	4.0	5.8	15.0	26.6	3.5	.0
PSYCHOLOGY	#	237	74	26	33	9	17	30	43	4	1
	%		31.2	11.0	13.9	3.8	7.2	12.7	18.1	1.7	.4
PUBLIC AFFAIRS AND SERVICES	#	413	142	50	57	18	46	60	29	7	4
	%		34.4	12.1	13.8	4.4	11.1	14.5	7.0	1.7	1.0
SOCIAL SCIENCES	#	571	168	48	92	19	41	76	99	22	6
	%		29.4	8.4	16.1	3.3	7.2	13.3	17.3	3.9	1.1
TOTAL		5432	2159	727	524	130	364	887	518	86	37

* PERCENTAGES MAY NOT ADD TO 100 DUE TO ROUNDING ERROR

TABLE 7.1

EMPLOYMENT STATUS BY MAJOR DISCIPLINE FOR BACCALAUREATE DEGREE RECIPIENTS FROM THE STATE-RELATED INSTITUTIONS IN PENNSYLVANIA, 1982*

MAJOR DISCIPLINE		TOTAL REPORTED	EMPLOYED IN FIELD PREPARED IN PA	EMPLOYED IN FIELD PREPARED OUTSIDE PA	EMPLOYED IN OTHER FIELD IN PA	EMPLOYED IN OTHER FIELD OUTSIDE PA	EMPLOYED PART TIME	UN-EMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY
AGRICULTURE AND NATURAL RESOURCES	#	436	109	58	58	10	35	87	66	9	4
	%		25.0	13.3	13.3	2.3	8.0	20.0	15.1	2.1	.9
ARCHITECTURE AND ENVIRONMENTAL DESIGN	#	64	14	16	5	3	2	19	5	0	0
	%		21.9	25.0	7.8	4.7	3.1	29.7	7.8	.0	.0
AREA STUDIES	#	8	0	2	3	1	1	1	0	0	0
	%		.0	25.0	37.5	12.5	12.5	12.5	.0	.0	.0
BIOLOGICAL SCIENCES	#	281	52	19	17	8	12	38	134	0	1
	%		18.5	6.8	6.0	2.8	4.3	13.5	47.7	.0	.4
BUSINESS AND MANAGEMENT	#	1356	456	267	145	46	71	274	74	18	5
	%		33.6	19.7	10.7	3.4	5.2	20.2	5.5	1.3	.4
COMMUNICATIONS	#	340	84	50	49	20	52	63	18	3	1
	%		24.7	14.7	14.4	5.9	15.3	18.5	5.3	.9	.3
COMPUTER AND INFORMATION SCIENCES	#	224	83	83	4	3	13	22	14	2	0
	%		37.1	37.1	1.8	1.3	5.8	9.8	6.3	.9	.0
ENGINEERING	#	1303	455	461	31	22	12	152	109	59	2
	%		34.9	35.4	2.4	1.7	.9	11.7	8.4	4.5	.2
FINE AND APPLIED ARTS	#	151	19	15	26	8	33	22	23	0	5
	%		12.6	9.9	17.2	5.3	21.9	14.6	15.2	.0	3.3
FOREIGN LANGUAGES	#	45	4	1	11	3	6	12	4	2	2
	%		8.9	2.2	24.4	6.7	13.3	26.7	8.9	4.4	4.4
HEALTH PROFESSIONS	#	388	238	42	15	7	28	33	21	3	1
	%		61.3	10.8	3.9	1.8	7.2	8.5	5.4	.8	.3
HOME ECONOMICS	#	300	102	64	29	8	20	38	37	0	2
	%		34.0	21.3	9.7	2.7	6.7	12.7	12.3	.0	.7

TABLE 7.1 (continued)

EMPLOYMENT STATUS BY MAJOR DISCIPLINE FOR BACCALAUREATE DEGREE RECIPIENTS FROM THE STATE-RELATED INSTITUTIONS IN PENNSYLVANIA, 1982*

MAJOR DISCIPLINE		TOTAL REPORTED	EMPLOYED IN FIELD PREPARED IN PA	EMPLOYED IN FIELD PREPARED OUTSIDE PA	EMPLOYED IN OTHER FIELD IN PA	EMPLOYED IN OTHER FIELD OUTSIDE PA	EMPLOYED PART TIME	UN-EMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY
INTERDISCIPLINARY STUDIES	#	122	23	13	23	10	11	19	21	1	1
	%		18.9	10.7	18.9	8.2	9.0	15.6	17.2	.8	.8
LAW	#	7	0	1	2	0	2	1	1	0	0
	%		.0	14.3	28.6	.0	28.6	14.3	14.3	.0	.0
LETTERS	#	268	43	13	50	20	35	54	43	2	8
	%		16.0	4.9	18.7	7.5	13.1	20.1	16.0	.7	3.0
MATHEMATICS	#	52	8	10	6	3	2	10	9	3	1
	%		15.4	19.2	11.5	5.8	3.8	19.2	17.3	5.8	1.9
PHYSICAL SCIENCES	#	280	35	45	11	7	10	46	106	19	1
	%		12.5	16.1	3.9	2.5	3.6	16.4	37.9	6.8	.4
PSYCHOLOGY	#	201	32	7	37	12	19	25	66	0	3
	%		15.9	3.5	18.4	6.0	9.5	12.4	32.8	.0	1.5
PUBLIC AFFAIRS AND SERVICES	#	462	132	24	66	22	48	80	76	8	6
	%		28.6	5.2	14.3	4.8	10.4	17.3	16.5	1.7	1.3
SOCIAL SCIENCES	#	388	48	19	76	20	31	60	114	12	8
	%		12.4	4.9	19.6	5.2	8.0	15.5	29.4	3.1	2.1
TOTAL		6676	1937	1210	664	233	443	1056	941	141	51

* PERCENTAGES MAY NOT ADD TO 100 DUE TO ROUNDING ERROR

TABLE 7.2

EMPLOYMENT STATUS BY MAJOR DISCIPLINE FOR BACCALAUREATE DEGREE RECIPIENTS FROM THE STATE-AIDED INSTITUTIONS IN PENNSYLVANIA, 1982*

MAJOR DISCIPLINE		TOTAL REPORTED	EMPLOYED IN FIELD IN PA	EMPLOYED IN FIELD PREPARED OUTSIDE PA	EMPLOYED IN OTHER FIELD IN PA	EMPLOYED IN OTHER FIELD OUTSIDE PA	EMPLOYED PART TIME	UN-EMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY
AGRICULTURE AND NATURAL RESOURCES	#	225	81	73	10	7	21	15	13	4	1
	%		36.0	32.4	4.4	3.1	9.3	6.7	5.8	1.8	.4
BIOLOGICAL SCIENCES	#	25	8	6	5	2	2	0	2	0	0
	%		32.0	24.0	20.0	8.0	8.0	.0	8.0	.0	.0
BUSINESS AND MANAGEMENT	#	54	35	8	2	2	1	5	0	1	0
	%		64.8	14.8	3.7	3.7	1.9	9.3	.0	1.9	.0
HEALTH PROFESSIONS	#	209	156	32	4	0	2	1	11	0	3
	%		74.6	15.3	1.9	.0	1.0	.5	5.3	.0	1.4
PHYSICAL SCIENCES	#	5	1	0	1	0	1	2	0	0	0
	%		20.0	.0	20.0	.0	20.0	40.0	.0	.0	.0
TOTAL		518	281	119	22	11	27	23	26	5	4

* PERCENTAGES MAY NOT ADD TO 100 DUE TO ROUNDING ERROR

TABLE 7.3

EMPLOYMENT STATUS BY MAJOR DISCIPLINE FOR BACCALAUREATE DEGREE RECIPIENTS FROM THE PRIVATE INSTITUTIONS IN PENNSYLVANIA, 1982*

MAJOR DISCIPLINE		TOTAL REPORTED	EMPLOYED IN FIELD PREPARED IN PA	EMPLOYED IN FIELD PREPARED OUTSIDE PA	EMPLOYED IN OTHER FIELD IN PA	EMPLOYED IN OTHER FIELD OUTSIDE PA	EMPLOYED PART TIME	UN-EMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY
AGRICULTURE AND NATURAL RESOURCES	#	8	4	0	0	0	0	0	4	0	0
	%		50.0	.0	.0	.0	.0	.0	50.0	.0	.0
ARCHITECTURE AND ENVIRONMENTAL DESIGN	#	28	18	5	0	1	0	3	0	0	1
	%		64.3	17.9	.0	3.6	.0	10.7	.0	.0	3.6
AREA STUDIES	#	13	1	0	0	5	1	4	2	0	0
	%		7.7	.0	.0	38.5	7.7	30.8	15.4	.0	.0
BIOLOGICAL SCIENCES	#	954	102	63	46	31	37	71	583	4	17
	%		10.7	6.6	4.8	3.2	3.9	7.4	61.1	.4	1.8
BUSINESS AND MANAGEMENT	#	2959	1068	574	196	108	136	597	229	25	26
	%		36.1	19.4	6.6	3.6	4.6	20.2	7.7	.8	.9
COMMUNICATIONS	#	347	79	54	51	34	41	60	22	3	3
	%		22.8	15.6	14.7	9.8	11.8	17.3	6.3	.9	.9
COMPUTER AND INFORMATION SCIENCES	#	280	97	63	8	7	6	77	20	2	0
	%		34.6	22.5	2.9	2.5	2.1	27.5	7.1	.7	.0
ENGINEERING	#	744	180	376	2	2	1	68	94	16	5
	%		24.2	50.5	.3	.3	.1	9.1	12.6	2.2	.7
FINE AND APPLIED ARTS	#	387	90	69	44	27	30	52	58	3	14
	%		23.3	17.8	11.4	7.0	7.8	13.4	15.0	.8	3.6
FOREIGN LANGUAGES	#	154	13	25	14	16	9	27	38	4	8
	%		8.4	16.2	9.1	10.4	5.8	17.5	24.7	2.6	5.2
HEALTH PROFESSIONS	#	1342	887	253	6	12	17	16	135	10	6
	%		66.1	18.9	.4	.9	1.3	1.2	10.1	.7	.4
HOME ECONOMICS	#	121	60	26	6	0	8	9	10	0	2
	%		49.6	21.5	5.0	.0	6.6	7.4	8.3	.0	1.7

TABLE 7.3 (continued)

EMPLOYMENT STATUS BY MAJOR DISCIPLINE FOR BACCALAUREATE DEGREE RECIPIENTS FROM THE PRIVATE INSTITUTIONS IN PENNSYLVANIA, 1982*

MAJOR DISCIPLINE		TOTAL REPORTED	EMPLOYED IN FIELD PREPARED IN PA	EMPLOYED IN FIELD PREPARED OUTSIDE PA	EMPLOYED IN OTHER FIELD IN PA	EMPLOYED IN OTHER FIELD OUTSIDE PA	EMPLOYED PART TIME	UN-EMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY
INTERDISCIPLINARY STUDIES	#	100	13	8	9	3	3	21	36	0	7
	%		13.0	8.0	9.0	3.0	3.0	21.0	36.0	.0	7.0
LAW	#	7	0	0	0	0	0	1	6	0	0
	%		.0	.0	.0	.0	.0	14.3	85.7	.0	.0
LETTERS	#	627	103	96	82	60	39	78	151	1	17
	%		16.4	15.3	13.1	9.6	6.2	12.4	24.1	.2	2.7
LIBRARY SCIENCE	#	3	2	0	0	0	1	0	0	0	0
	%		66.7	.0	.0	.0	33.3	.0	.0	.0	.0
MATHEMATICS	#	219	73	71	15	1	2	12	41	0	4
	%		33.3	32.4	6.8	.5	.9	5.5	18.7	.0	1.8
PHYSICAL SCIENCES	#	493	70	66	19	11	9	42	252	11	13
	%		14.2	13.4	3.9	2.2	1.8	8.5	51.1	2.2	2.6
PSYCHOLOGY	#	618	129	59	82	46	28	86	161	11	16
	%		20.9	9.5	13.3	7.4	4.5	13.9	26.1	1.8	2.6
PUBLIC AFFAIRS AND SERVICES	#	427	144	51	48	31	30	52	65	1	5
	%		33.7	11.9	11.2	7.3	7.0	12.2	15.2	.2	1.2
SOCIAL SCIENCES	#	1596	244	208	157	126	57	211	504	22	67
	%		15.3	13.0	9.8	7.9	3.6	13.2	31.6	1.4	4.2
THEOLOGY	#	123	35	28	13	8	6	1	29	1	2
	%		28.5	22.8	10.6	6.5	4.9	.8	23.6	.8	1.6
TOTAL		11550	3412	2095	798	529	461	1488	2440	114	213

* PERCENTAGES MAY NOT ADD TO 100 DUE TO ROUNDING ERROR

TABLE 8.0

EMPLOYMENT STATUS BY MAJOR DISCIPLINE FOR MASTER'S DEGREE RECIPIENTS FROM THE STATE SYSTEM OF HIGHER EDUCATION IN PENNSYLVANIA, 1982*

MAJOR DISCIPLINE		TOTAL REPORTED	EMPLOYED IN FIELD PREPARED IN PA	EMPLOYED IN FIELD PREPARED OUTSIDE PA	EMPLOYED IN OTHER FIELD IN PA	EMPLOYED IN OTHER FIELD OUTSIDE PA	EMPLOYED PART TIME	UN-EMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY
BIOLOGICAL SCIENCES	#	19	12	2	0	0	0	1	4	0	0
	%		63.2	10.5	.0	.0	.0	5.3	21.1	.0	.0
BUSINESS AND MANAGEMENT	#	80	48	18	0	0	2	12	0	0	0
	%		60.0	22.5	.0	.0	2.5	15.0	.0	.0	.0
COMMUNICATIONS	#	13	9	0	1	0	0	3	0	0	0
	%		69.2	.0	7.7	.0	.0	23.1	.0	.0	.0
EDUCATION	#	620	397	84	67	7	25	32	5	0	3
	%		64.0	13.5	10.8	1.1	4.0	5.2	.8	.0	.5
FINE AND APPLIED ARTS	#	23	10	3	2	0	4	2	2	0	0
	%		43.5	13.0	8.7	.0	17.4	8.7	8.7	.0	.0
FOREIGN LANGUAGES	#	5	1	4	0	0	0	0	0	0	0
	%		20.0	80.0	.0	.0	.0	.0	.0	.0	.0
HEALTH PROFESSIONS	#	19	11	7	0	0	0	0	1	0	0
	%		57.9	36.8	.0	.0	.0	.0	5.3	.0	.0
HOME ECONOMICS	#	0	0	0	0	0	0	0	0	0	0
	%		.0	.0	.0	.0	.0	.0	.0	.0	.0
LETTERS	#	11	4	1	1	0	0	2	3	0	0
	%		36.4	9.1	9.1	.0	.0	18.2	27.3	.0	.0
LIBRARY SCIENCE	#	7	3	1	0	0	0	3	0	0	0
	%		42.9	14.3	.0	.0	.0	42.9	.0	.0	.0
MATHEMATICS	#	11	6	2	0	0	0	3	0	0	0
	%		54.5	18.2	.0	.0	.0	27.3	.0	.0	.0
PHYSICAL SCIENCES	#	10	3	3	2	0	2	0	0	0	0
	%		30.0	30.0	20.0	.0	20.0	.0	.0	.0	.0

TABLE 8.0 (continued)

EMPLOYMENT STATUS BY MAJOR DISCIPLINE FOR MASTER'S DEGREE RECIPIENTS FROM THE STATE SYSTEM OF HIGHER EDUCATION IN PENNSYLVANIA, 1982*

MAJOR DISCIPLINE		TOTAL REPORTED	EMPLOYED IN FIELD PREPARED IN PA	EMPLOYED IN FIELD PREPARED OUTSIDE PA	EMPLOYED IN OTHER FIELD IN PA	EMPLOYED IN OTHER FIELD OUTSIDE PA	EMPLOYED PART TIME	UN-EMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY
PSYCHOLOGY	#	38	18	3	5	1	2	3	6	0	0
	%		47.4	7.9	13.2	2.6	5.3	7.9	15.8	.0	.0
PUBLIC AFFAIRS AND SERVICES	#	16	8	1	2	1	2	1	1	0	0
	%		50.0	6.3	12.5	6.3	12.5	6.3	6.3	.0	.0
SOCIAL SCIENCES	#	48	20	4	10	1	3	5	5	0	0
	%		41.7	8.3	20.8	2.1	6.3	10.4	10.4	.0	.0
TOTAL		920	550	133	90	10	40	67	27	0	3

* PERCENTAGES MAY NOT ADD TO 100 DUE TO ROUNDING ERROR

TABLE 8.1

EMPLOYMENT STATUS OF MAJOR DISCIPLINE FOR MASTER'S DEGREE RECIPIENTS FROM THE STATE-RELATED INSTITUTIONS IN PENNSYLVANIA, 1982*

MAJOR DISCIPLINE		TOTAL REPORTED	EMPLOYED IN FIELD PREPARED IN PA	EMPLOYED IN FIELD PREPARED OUTSIDE PA	EMPLOYED IN OTHER FIELD IN PA	EMPLOYED IN OTHER FIELD OUTSIDE PA	EMPLOYED PART TIME	UN-EMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY
AGRICULTURE AND NATURAL RESOURCES	#	30	8	8	0	3	2	5	4	0	0
	%		26.7	26.7	.0	10.0	6.7	16.7	13.3	.0	.0
ARCHITECTURE AND ENVIRONMENTAL DESIGN	#	13	6	3	0	1	1	0	2	0	0
	%		46.2	23.1	.0	7.7	7.7	.0	15.4	.0	.0
AREA STUDIES	#	6	3	0	2	0	1	0	0	0	0
	%		50.0	.0	33.3	.0	16.7	.0	.0	.0	.0
BIOLOGICAL SCIENCES	#	18	7	1	0	0	1	1	8	0	0
	%		38.9	5.6	.0	.0	5.6	5.6	44.4	.0	.0
BUSINESS AND MANAGEMENT	#	235	122	50	25	5	9	19	5	0	0
	%		51.9	21.3	10.6	2.1	3.8	8.1	2.1	.0	.0
COMMUNICATIONS	#	12	4	3	0	1	2	2	0	0	0
	%		33.3	25.0	.0	8.3	16.7	16.7	.0	.0	.0
COMPUTER AND INFORMATION SCIENCES	#	43	19	15	2	0	0	2	5	0	0
	%		44.2	34.9	4.7	.0	.0	4.7	11.6	.0	.0
EDUCATION	#	447	282	45	25	5	21	30	38	0	1
	%		63.1	10.1	5.6	1.1	4.7	6.7	8.5	.0	.2
ENGINEERING	#	184	80	51	1	1	0	2	39	6	4
	%		43.5	27.7	.5	.5	.0	1.1	21.2	3.3	2.2
FINE AND APPLIED ARTS	#	32	5	3	1	1	15	3	4	0	0
	%		15.6	9.4	3.1	3.1	46.9	9.4	12.5	.0	.0
FOREIGN LANGUAGES	#	11	1	1	0	0	4	0	5	0	0
	%		9.1	9.1	.0	.0	36.4	.0	45.5	.0	.0
HEALTH PROFESSIONS	#	108	71	14	5	0	5	7	5	1	0
	%		65.7	13.0	4.6	.0	4.6	6.5	4.6	.9	.0

TABLE 8.1 (continued)

EMPLOYMENT STATUS OF MAJOR DISCIPLINE FOR MASTER'S DEGREE RECIPIENTS
FROM THE STATE-RELATED INSTITUTIONS IN PENNSYLVANIA, 1982*

MAJOR DISCIPLINE		TOTAL REPORTED	EMPLOYED IN FIELD IN PA	EMPLOYED IN FIELD PREPARED OUTSIDE PA	EMPLOYED IN OTHER FIELD IN PA	EMPLOYED IN OTHER FIELD OUTSIDE PA	EMPLOYED PART TIME	UN-EMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY
HOME ECONOMICS	#	6	1	1	0	0	0	1	3	0	0
	%		16.7	16.7	.0	.0	.0	16.7	50.0	.0	.0
INTERDISCIPLINARY STUDIES	#	30	14	9	2	0	0	3	0	2	0
	%		46.7	30.0	6.7	.0	.0	10.0	.0	6.7	.0
LAW	#	1	0	0	0	0	0	0	1	0	0
	%		.0	.0	.0	.0	.0	.0	100.0	.0	.0
LETTERS	#	27	6	1	2	0	4	2	10	0	2
	%		22.2	3.7	7.4	.0	14.8	7.4	37.0	.0	7.4
LIBRARY SCIENCE	#	16	4	1	1	0	4	5	1	0	0
	%		25.0	6.3	6.3	.0	25.0	31.3	6.3	.0	.0
MATHEMATICS	#	15	2	3	1	1	1	1	5	0	1
	%		13.3	20.0	6.7	6.7	6.7	6.7	33.3	.0	6.7
PHYSICAL SCIENCES	#	45	4	25	0	1	0	3	12	0	0
	%		8.9	55.6	.0	2.2	.0	6.7	26.7	.0	.0
PSYCHOLOGY	#	33	12	1	5	0	0	1	13	1	0
	%		36.4	3.0	15.2	.0	.0	3.0	39.4	3.0	.0
PUBLIC AFFAIRS AND SERVICES	#	209	115	32	20	4	11	16	6	4	1
	%		55.0	15.3	9.6	1.9	5.3	7.7	2.9	1.9	.5
SOCIAL SCIENCES	#	34	6	4	1	2	1	3	16	1	0
	%		17.6	11.8	2.9	5.9	2.9	8.8	47.1	2.9	.0
TOTAL		1555	772	271	93	25	82	106	182	15	9

* PERCENTAGES MAY NOT ADD TO 100 DUE TO ROUNDING ERROR

TABLE 8.2

EMPLOYMENT STATUS BY MAJOR DISCIPLINE FOR MASTER'S DEGREE RECIPIENTS FROM PRIVATE INSTITUTIONS IN PENNSYLVANIA, 1982*

MAJOR DISCIPLINE		TOTAL REPORTED	EMPLOYED IN FIELD PREPARED IN PA	EMPLOYED IN FIELD PREPARED OUTSIDE PA	EMPLOYED IN OTHER FIELD IN PA	EMPLOYED IN OTHER FIELD OUTSIDE PA	EMPLOYED PART TIME	UN-EMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY
ARCHITECTURE AND ENVIRONMENTAL DESIGN	#	18	6	9	0	0	0	1	0	0	2
	%		33.3	50.0	.0	.0	.0	5.6	.0	.0	11.1
BIOLOGICAL SCIENCES	#	18	3	2	3	2	0	0	8	0	0
	%		16.7	11.1	16.7	11.1	.0	.0	44.4	.0	.0
BUSINESS AND MANAGEMENT	#	202	83	85	4	1	1	7	20	1	0
	%		41.1	42.1	2.0	.5	.5	3.5	9.9	.5	.0
COMPUTER AND INFORMATION SCIENCES	#	8	0	2	0	0	0	0	6	0	0
	%		.0	25.0	.0	.0	.0	.0	75.0	.0	.0
EDUCATION	#	122	47	37	10	12	5	2	9	0	0
	%		38.5	30.3	8.2	9.8	4.1	1.6	7.4	.0	.0
ENGINEERING	#	109	30	28	0	0	0	1	36	0	14
	%		27.5	25.7	.0	.0	.0	.9	33.0	.0	12.8
FINE AND APPLIED ARTS	#	37	13	15	4	2	0	1	2	0	0
	%		35.1	40.5	10.8	5.4	.0	2.7	5.4	.0	.0
FOREIGN LANGUAGES	#	3	0	1	0	2	0	0	0	0	0
	%		.0	33.3	.0	66.7	.0	.0	.0	.0	.0
HEALTH PROFESSIONS	#	21	10	5	0	1	2	2	1	0	0
	%		47.6	23.8	.0	4.8	9.5	9.5	4.8	.0	.0
INTERDISCIPLINARY STUDIES	#	0	0	0	0	0	0	0	0	0	0
	%		.0	.0	.0	.0	.0	.0	.0	.0	.0
LAW	#	77	20	50	0	0	0	0	7	0	0
	%		26.0	64.9	.0	.0	.0	.0	9.1	.0	.0
LETTERS	#	41	14	11	1	3	0	5	7	0	0
	%		34.1	26.8	2.4	7.3	.0	12.2	17.1	.0	.0

TABLE 8.2 (continued)

EMPLOYMENT STATUS BY MAJOR DISCIPLINE FOR MASTER'S DEGREE RECIPIENTS FROM PRIVATE INSTITUTIONS IN PENNSYLVANIA, 1982*

MAJOR DISCIPLINE		TOTAL REPORTED	EMPLOYED IN FIELD IN PA	EMPLOYED IN FIELD PREPARED OUTSIDE PA	EMPLOYED IN OTHER FIELD IN PA	EMPLOYED IN OTHER FIELD OUTSIDE PA	EMPLOYED PART TIME	UN-EMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY
MATHEMATICS	#	2	1	0	0	0	0	0	1	0	0
	%		50.0	.0	.0	.0	.0	.0	50.0	.0	.0
PHYSICAL SCIENCES	#	22	3	3	0	0	0	1	15	0	0
	%		13.6	13.6	.0	.0	.0	4.5	68.2	.0	.0
PSYCHOLOGY	#	62	12	2	7	8	2	4	25	0	2
	%		19.4	3.2	11.3	12.9	3.2	6.5	40.3	.0	3.2
PUBLIC AFFAIRS AND SERVICES	#	63	30	24	0	1	0	0	6	2	0
	%		47.6	38.1	.0	1.6	.0	.0	9.5	3.2	.0
SOCIAL SCIENCES	#	36	12	11	1	4	1	0	6	1	0
	%		33.3	30.6	2.8	11.1	2.8	.0	16.7	2.8	.0
THEOLOGY	#	5	3	1	0	0	0	0	1	0	0
	%		60.0	20.0	.0	.0	.0	.0	20.0	.0	.0
TOTAL		846	287	286	30	36	11	24	150	4	18

* PERCENTAGES MAY NOT ADD TO 100 DUE TO ROUNDING ERROR

TABLE 8.3

EMPLOYMENT STATUS BY MAJOR DISCIPLINE FOR MASTER'S DEGREE RECIPIENTS FROM STATE-AIDED INSTITUTIONS IN PENNSYLVANIA, 1982*

MAJOR DISCIPLINE		TOTAL REPORTED	EMPLOYED IN FIELD PREPARED IN PA	EMPLOYED IN FIELD PREPARED OUTSIDE PA	EMPLOYED IN OTHER FIELD IN PA	EMPLOYED IN OTHER FIELD OUTSIDE PA	EMPLOYED PART TIME	UN-EMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY
BIOLOGICAL SCIENCES	#	25	14	3	1	0	0	0	7	0	0
	%		56.0	12.0	4.0	.0	.0	.0	28.0	.0	.0
HEALTH PROFESSIONS	#	9	7	2	0	0	0	0	0	0	0
	%		77.8	22.2	.0	.0	.0	.0	.0	.0	.0
HOME ECONOMICS	#	44	29	8	0	0	4	2	1	0	0
	%		65.9	18.2	.0	.0	9.1	4.5	2.3	.0	.0
PSYCHOLOGY	#	15	6	5	0	0	0	2	2	0	0
	%		40.0	33.3	.0	.0	.0	13.3	13.3	.0	.0
TOTAL		93	56	18	1	0	4	4	10	0	0

* PERCENTAGES MAY NOT ADD TO 100 DUE TO ROUNDING ERROR

TABLE 9.0

EMPLOYMENT STATUS BY MAJOR DISCIPLINE FOR DOCTORAL DEGREE RECIPIENTS FROM STATE-RELATED INSTITUTIONS IN PENNSYLVANIA, 1982*

MAJOR DISCIPLINE		TOTAL REPORTED	EMPLOYED IN FIELD IN PA	EMPLOYED IN FIELD PREPARED OUTSIDE PA	EMPLOYED IN OTHER FIELD IN PA	EMPLOYED IN OTHER FIELD OUTSIDE PA	EMPLOYED PART TIME	UN-EMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY
AGRICULTURE AND NATURAL RESOURCES	#	5	1	3	0	1	0	0	0	0	0
	%		20.0	60.0	.0	20.0	.0	.0	.0	.0	.0
BIOLOGICAL SCIENCES	#	16	4	5	0	0	0	2	5	0	0
	%		25.0	31.3	.0	.0	.0	12.5	31.3	.0	.0
BUSINESS AND MANAGEMENT	#	9	4	4	0	0	0	0	1	0	0
	%		44.4	44.4	.0	.0	.0	.0	11.1	.0	.0
COMMUNICATIONS	#	1	0	1	0	0	0	0	0	0	0
	%		.0	100.0	.0	.0	.0	.0	.0	.0	.0
COMPUTER AND INFORMATION SCIENCES	#	3	0	3	0	0	0	0	0	0	0
	%		.0	100.0	.0	.0	.0	.0	.0	.0	.0
EDUCATION	#	167	83	43	6	3	19	10	1	0	2
	%		49.7	25.7	3.6	1.8	11.4	6.0	.6	.0	1.2
ENGINEERING	#	32	14	17	0	0	0	0	0	1	0
	%		43.8	53.1	.0	.0	.0	.0	.0	3.1	.0
FINE AND APPLIED ARTS	#	2	1	0	0	0	0	1	0	0	0
	%		50.0	.0	.0	.0	.0	50.0	.0	.0	.0
FOREIGN LANGUAGES	#	2	2	0	0	0	0	0	0	0	0
	%		100.0	.0	.0	.0	.0	.0	.0	.0	.0
HEALTH PROFESSIONS	#	56	26	22	0	0	3	1	3	1	0
	%		46.4	39.3	.0	.0	5.4	1.8	5.4	1.8	.0
HOME ECONOMICS	#	7	1	3	0	0	2	1	0	0	0
	%		14.3	42.9	.0	.0	28.6	14.3	.0	.0	.0
INTERDISCIPLINARY STUDIES	#	0	0	0	0	0	0	0	0	0	0
	%		.0	.0	.0	.0	.0	.0	.0	.0	.0

TABLE 9.0 (continued)

EMPLOYMENT STATUS BY MAJOR DISCIPLINE FOR DOCTORAL DEGREE RECIPIENTS FROM STATE-RELATED INSTITUTIONS IN PENNSYLVANIA, 1982*

MAJOR DISCIPLINE		TOTAL REPORTED	EMPLOYED IN FIELD PREPARED IN PA	EMPLOYED IN FIELD PREPARED OUTSIDE PA	EMPLOYED IN OTHER FIELD IN PA	EMPLOYED IN OTHER FIELD OUTSIDE PA	EMPLOYED PART TIME	UN-EMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY
LETTERS	#	16	7	5	0	1	2	1	0	0	0
	%		43.8	31.3	.0	6.3	12.5	6.3	.0	.0	.0
LIBRARY SCIENCE	#	5	1	2	1	0	1	0	0	0	0
	%		20.0	40.0	20.0	.0	20.0	.0	.0	.0	.0
MATHEMATICS	#	3	1	2	0	0	0	0	0	0	0
	%		33.3	66.7	.0	.0	.0	.0	.0	.0	.0
PHYSICAL SCIENCES	#	32	7	19	2	2	0	0	2	0	0
	%		21.9	59.4	6.3	6.3	.0	.0	6.3	.0	.0
PSYCHOLOGY	#	21	10	8	0	0	3	0	0	0	0
	%		47.6	38.1	.0	.0	14.3	.0	.0	.0	.0
PUBLIC AFFAIRS AND SERVICES	#	6	2	3	0	1	0	0	0	0	0
	%		33.3	50.0	.0	16.7	.0	.0	.0	.0	.0
SOCIAL SCIENCES	#	21	4	10	2	0	3	2	0	0	0
	%		19.0	47.6	9.5	.0	14.3	9.5	.0	.0	.0
TOTAL		404	168	150	11	8	33	18	12	2	2

* PERCENTAGES MAY NOT ADD TO 100 DUE TO ROUNDING ERROR

TABLE 9.1

EMPLOYMENT STATUS BY MAJOR DISCIPLINE FOR DOCTORAL DEGREE RECIPIENTS FROM THE STATE SYSTEM OF HIGHER EDUCATION IN PENNSYLVANIA, 1982*

MAJOR DISCIPLINE		TOTAL REPORTED	EMPLOYED IN FIELD PREPARED IN PA	EMPLOYED IN FIELD PREPARED OUTSIDE PA	EMPLOYED IN OTHER FIELD IN PA	EMPLOYED IN OTHER FIELD OUTSIDE PA	EMPLOYED PART TIME	UN-EMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY
EDUCATION	#	2	1	0	1	0	0	0	0	0	0
	%		50.0	.0	50.0	.0	.0	.0	.0	.0	.0
INTERDISCIPLINARY STUDIES	#	4	3	0	0	0	1	0	0	0	0
	%		75.0	.0	.0	.0	25.0	.0	.0	.0	.0
LETTERS	#	4	0	4	0	0	0	0	0	0	0
	%		.0	100.0	.0	.0	.0	.0	.0	.0	.0
TOTAL		10	4	4	1	0	1	0	0	0	0

* PERCENTAGES MAY NOT ADD TO 100 DUE TO ROUNDING ERROR

TABLE 9.2

EMPLOYMENT STATUS BY MAJOR DISCIPLINE FOR DOCTORAL DEGREE RECIPIENTS FROM PRIVATE INSTITUTIONS IN PENNSYLVANIA, 1982*

MAJOR DISCIPLINE		TOTAL REPORTED	EMPLOYED IN FIELD PREPARED IN PA	EMPLOYED IN FIELD PREPARED OUTSIDE PA	EMPLOYED IN OTHER FIELD IN PA	EMPLOYED IN OTHER FIELD OUTSIDE PA	EMPLOYED PART TIME	UN-EMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY
BIOLOGICAL SCIENCES	#	2	1	1	0	0	0	0	0	0	0
	%		50.0	50.0	.0	.0	.0	.0	.0	.0	.0
BUSINESS AND MANAGEMENT	#	6	0	6	0	0	0	0	0	0	0
	%		.0	100.0	.0	.0	.0	.0	.0	.0	.0
COMPUTER AND INFORMATION SCIENCES	#	12	1	11	0	0	0	0	0	0	0
	%		8.3	91.7	.0	.0	.0	.0	.0	.0	.0
EDUCATION	#	1	0	0	0	0	0	0	1	0	0
	%		.0	.0	.0	.0	.0	.0	100.0	.0	.0
ENGINEERING	#	26	6	20	0	0	0	0	0	0	0
	%		23.1	76.9	.0	.0	.0	.0	.0	.0	.0
HEALTH PROFESSIONS	#	0	0	0	0	0	0	0	0	0	0
	%		.0	.0	.0	.0	.0	.0	.0	.0	.0
LETTERS	#	2	1	1	0	0	0	0	0	0	0
	%		50.0	50.0	.0	.0	.0	.0	.0	.0	.0
MATHEMATICS	#	3	0	3	0	0	0	0	0	0	0
	%		.0	100.0	.0	.0	.0	.0	.0	.0	.0
PHYSICAL SCIENCES	#	7	3	4	0	0	0	0	0	0	0
	%		42.9	57.1	.0	.0	.0	.0	.0	.0	.0
PSYCHOLOGY	#	3	0	3	0	0	0	0	0	0	0
	%		.0	100.0	.0	.0	.0	.0	.0	.0	.0
PUBLIC AFFAIRS AND SERVICES	#	7	2	5	0	0	0	0	0	0	0
	%		28.6	71.4	.0	.0	.0	.0	.0	.0	.0
SOCIAL SCIENCES	#	12	3	7	0	1	0	0	1	0	0
	%		25.0	58.3	.0	8.3	.0	.0	8.3	.0	.0

TABLE 9.2 (continued)

EMPLOYMENT STATUS BY MAJOR DISCIPLINE FOR DOCTORAL DEGREE RECIPIENTS FROM PRIVATE INSTITUTIONS IN PENNSYLVANIA, 1982*

MAJOR DISCIPLINE	TOTAL REPORTED	EMPLOYED IN FIELD IN PA	EMPLOYED IN PREPARED OUTSIDE PA	EMPLOYED IN OTHER FIELD IN PA	EMPLOYED IN OTHER FIELD OUTSIDE PA	EMPLOYED PART TIME	UN-EMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY
TOTAL	81	17	61	0	1	0	0	2	0	0

* PERCENTAGES MAY NOT ADD TO 100 DUE TO ROUNDING ERROR

TABLE 9.3

EMPLOYMENT STATUS BY MAJOR DISCIPLINE FOR DOCTORAL DEGREE RECIPIENTS FROM STATE-AIDED INSTITUTIONS IN PENNSYLVANIA, 1982*

MAJOR DISCIPLINE		TOTAL REPORTED	EMPLOYED IN FIELD PREPARED IN PA	EMPLOYED IN FIELD PREPARED OUTSIDE PA	EMPLOYED IN OTHER FIELD IN PA	EMPLOYED IN OTHER FIELD OUTSIDE PA	EMPLOYED PART TIME	UN-EMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY
BIOLOGICAL SCIENCES	#	21	3	13	0	0	0	0	5	0	0
	%		14.3	61.9	.0	.0	.0	.0	23.8	.0	.0
TOTAL		21	3	13	0	0	0	0	5	0	0

* PERCENTAGES MAY NOT ADD TO 100 DUE TO ROUNDING ERROR

TABLE 10.0

EMPLOYMENT STATUS BY MAJOR DISCIPLINE FOR ASSOCIATE DEGREE RECIPIENTS FROM COMMUNITY COLLEGES IN PENNSYLVANIA, 1982 *

MAJOR DISCIPLINE		TOTAL REPORTED	EMPLOYED IN FIELD PREPARED IN PA	EMPLOYED IN FIELD PREPARED OUTSIDE PA	EMPLOYED IN OTHER FIELD IN PA	EMPLOYED IN OTHER FIELD OUTSIDE PA	EMPLOYED PART TIME	UN-EMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY
ARTS AND SCIENCE TRANSFERS	#	767	89	6	127	3	63	47	342	4	86
	%		11.6	.8	16.6	.4	8.2	6.1	44.6	.5	11.2
BUSINESS AND COMMERCE TECHNOLOGIES	#	1083	443	22	136	4	118	101	218	2	39
	%		40.9	2.0	12.6	.4	10.9	9.3	20.1	.2	3.6
DATA PROCESSING TECHNOLOGIES	#	391	167	15	47	0	31	50	60	2	19
	%		42.7	3.8	12.0	.0	7.9	12.8	15.3	.5	4.9
HEALTH SERVICES AND PARAMEDICAL TECHNOLOGIES	#	944	649	18	24	0	111	54	68	0	20
	%		68.8	1.9	2.5	.0	11.8	5.7	7.2	.0	2.1
MECHANICAL AND ENGINEERING TECHNOLOGIES	#	567	239	45	78	1	40	47	100	10	7
	%		42.2	7.9	13.8	.2	7.1	8.3	17.6	1.8	1.2
NATURAL SCIENCE TECHNOLOGIES	#	132	62	11	14	1	6	9	25	0	4
	%		47.0	8.3	10.6	.8	4.5	6.8	18.9	.0	3.0
PUBLIC SERVICE RELATED TECHNOLOGIES	#	276	82	1	36	1	43	21	81	0	11
	%		29.7	.4	13.0	.4	15.6	7.6	29.3	.0	4.0
TOTAL		4160	1731	118	462	10	412	329	894	18	186

* PERCENTAGES MAY NOT ADD TO 100 DUE TO ROUNDING ERROR

TABLE 10.1

EMPLOYMENT STATUS BY MAJOR DISCIPLINE FOR ASSOCIATE DEGREE RECIPIENTS FROM PROPRIETARY INSTITUTIONS IN PENNSYLVANIA, 1982*

MAJOR DISCIPLINE		TOTAL REPORTED	EMPLOYED IN FIELD PREPARED IN PA	EMPLOYED IN FIELD PREPARED OUTSIDE PA	EMPLOYED IN OTHER FIELD IN PA	EMPLOYED IN OTHER FIELD OUTSIDE PA	EMPLOYED PART TIME	UN-EMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY
BUSINESS AND COMMERCE TECHNOLOGIES	#	989	591	106	51	16	13	97	59	3	53
	%		59.8	10.7	5.2	1.6	1.3	9.8	6.0	.3	5.4
DATA PROCESSING TECHNOLOGIES	#	177	91	7	15	1	3	32	8	4	16
	%		51.4	4.0	8.5	.6	1.7	18.1	4.5	2.3	9.0
HEALTH SERVICES AND PARAMEDICAL TECHNOLOGIES	#	174	123	12	5	3	2	4	3	3	19
	%		70.7	6.9	2.9	1.7	1.1	2.3	1.7	1.7	10.9
MECHANICAL AND ENGINEERING TECHNOLOGIES	#	1409	500	379	73	13	6	370	29	17	22
	%		35.5	26.9	5.2	.9	.4	26.3	2.1	1.2	1.6
NATURAL SCIENCE TECHNOLOGIES	#	13	2	0	5	0	0	5	0	0	1
	%		15.4	.0	38.5	.0	.0	38.5	.0	.0	7.7
PUBLIC SERVICE RELATED TECHNOLOGIES	#	16	11	5	0	0	0	0	0	0	0
	%		68.8	31.3	.0	.0	.0	.0	.0	.0	.0
TOTAL		2778	1318	509	149	33	24	508	99	27	111

* PERCENTAGES MAY NOT ADD TO 100 DUE TO ROUNDING ERROR

TABLE 10.2

EMPLOYMENT STATUS BY MAJOR DISCIPLINE FOR ASSOCIATE DEGREE RECIPIENTS FROM FOUR-YEAR COLLEGES AND UNIVERSITIES, 1982*

MAJOR DISCIPLINE		TOTAL REPORTED	EMPLOYED IN FIELD PREPARED IN PA	EMPLOYED IN FIELD PREPARED OUTSIDE PA	EMPLOYED IN OTHER FIELD IN PA	EMPLOYED IN OTHER FIELD OUTSIDE PA	EMPLOYED PART TIME	UN-EMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY
ARTS AND SCIENCE TRANSFERS	#	205	27	2	30	2	12	17	95	0	20
	%		13.2	1.0	14.6	1.0	5.9	8.3	46.3	.0	9.8
BUSINESS AND COMMERCE TECHNOLOGIES	#	406	181	15	27	1	23	64	93	0	2
	%		44.6	3.7	6.7	.2	5.7	15.8	22.9	.0	.5
DATA PROCESSING TECHNOLOGIES	#	143	39	20	8	2	7	28	37	0	2
	%		27.3	14.0	5.6	1.4	4.9	19.6	25.9	.0	1.4
HEALTH SERVICES AND PARAMEDICAL TECHNOLOGIES	#	430	284	38	4	2	9	8	83	0	2
	%		66.0	8.8	.9	.5	2.1	1.9	19.3	.0	.5
MECHANICAL AND ENGINEERING TECHNOLOGIES	#	615	148	87	45	7	14	111	193	8	2
	%		24.1	14.1	7.3	1.1	2.3	18.0	31.4	1.3	.3
NATURAL SCIENCE TECHNOLOGIES	#	89	19	6	15	3	7	5	34	0	0
	%		21.3	6.7	16.9	3.4	7.9	5.6	38.2	.0	.0
PUBLIC SERVICE RELATED TECHNOLOGIES	#	56	22	1	8	0	3	6	13	0	3
	%		39.3	1.8	14.3	.0	5.4	10.7	23.2	.0	5.4
TOTAL		1944	720	169	137	17	75	239	548	8	31

* PERCENTAGES MAY NOT ADD TO 100 DUE TO ROUNDING ERROR

TABLE 11.0

DETAILED DEGREE FIELD EMPLOYMENT STATUS FOR BACCALAUREATE DEGREE RECIPIENTS FROM THE STATE SYSTEM OF HIGHER EDUCATION IN PENNSYLVANIA*

		TOTAL	EMPLOYED IN FIELD IN PA.	EMPLOYED IN FIELD PREPARED OUTSIDE PA.	EMPLOYED IN OTHER FIELD IN PA.	EMPLOYED IN OTHER FIELD OUTSIDE PA.	EMPLOYED PART TIME	UNEMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY	POST-GRAD STATUS UNKNOWN
AGRICULTURE AND NATURAL RESOURCES												
0115 NATURAL RESOURCES MANAGEMENT	#	23	5	0	5	1	0	8	2	1	0	1
	%		22.7	.0	22.7	4.5	.0	36.4	9.1	4.5	.0	
0199 OTHER	#	17	2	1	1	0	2	4	1	0	0	6
	%		18.2	9.1	9.1	.0	18.2	36.4	9.1	.0	.0	
*TOTAL AGRICULTURE AND NATURAL RESOURCES		40	7	1	6	1	2	12	3	1	0	7
ARCHITECTURE AND ENVIRONMENTAL DESIGN												
0206 CITY, COMMUNITY AND REGIONAL PLANNING	#	20	9	2	1	0	1	3	1	1	0	2
	%		50.0	11.1	5.6	.0	5.6	16.7	5.6	5.6	.0	
*TOTAL ARCHITECTURE AND ENVIRONMENTAL DESIGN		20	9	2	1	0	1	3	1	1	0	2
AREA STUDIES												
0313 AMERICAN STUDIES	#	1	0	0	0	0	0	0	0	0	0	1
	%		.0	.0	.0	.0	.0	.0	.0	.0	.0	
*TOTAL AREA STUDIES		1	0	0	0	0	0	0	0	0	0	1
BIOLOGICAL SCIENCES												
0401 BIOLOGICAL, GENERAL	#	309	40	15	21	6	22	28	66	5	1	105
	%		19.6	7.4	10.3	2.9	10.8	13.7	32.4	2.5	.5	
0414 BIOCHEMISTRY	#	14	3	1	1	0	0	0	1	0	0	9
	%		50.0	16.7	16.7	.0	.0	.0	16.7	.0	.0	

TABLE 11.0 (continued)

DETAILED DEGREE FIELD EMPLOYMENT STATUS FOR BACCALAUREATE DEGREE RECIPIENTS FROM THE STATE SYSTEM OF HIGHER EDUCATION IN PENNSYLVANIA

		TOTAL	EMPLOYED IN FIELD IN PA.	EMPLOYED IN PREPARED OUTSIDE PA.	EMPLOYED IN OTHER FIELD IN PA.	EMPLOYED IN OTHER FIELD OUTSIDE PA.	EMPLOYED PART TIME	UNEMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY	POST-GRAD STATUS UNKNOWN
BIOLOGICAL SCIENCES												
0418 MARINE BIOLOGY	#	8	1	1	1	0	1	2	1	0	0	1
	%		14.3	14.3	14.3	.0	14.3	28.6	14.3	.0	.0	
0499 OTHER	#	3	0	0	0	0	0	0	0	0	0	3
	%		.0	.0	.0	.0	.0	.0	.0	.0	.0	
*TOTAL BIOLOGICAL SCIENCES		334	44	17	23	6	23	30	68	5	1	117
BUSINESS AND MANAGEMENT												
0501 BUSINESS AND COMMERCE, GENERAL	#	137	31	6	5	1	4	28	2	2	0	58
	%		39.2	7.6	6.3	1.3	5.1	35.4	2.5	2.5	.0	
0502 ACCOUNTING	#	607	206	88	33	8	25	95	17	9	2	124
	%		42.7	18.2	6.8	1.7	5.2	19.7	3.5	1.9	.4	
0504 BANKING AND FINANCE	#	99	26	7	7	1	2	18	9	1	1	27
	%		36.1	9.7	9.7	1.4	2.8	25.0	12.5	1.4	1.4	
0506 BUSINESS MANAGEMANT AND ADMINISTRATION	#	962	319	94	52	9	40	139	35	8	7	259
	%		45.4	13.4	7.4	1.3	5.7	19.8	5.0	1.1	1.0	
0508 HOTEL AND RESTAURANT MANAGEMENT	#	19	1	3	0	0	0	0	0	0	0	15
	%		25.0	75.0	.0	.0	.0	.0	.0	.0	.0	
0509 MARKETING AND PURCHASING	#	494	158	55	12	5	12	86	11	3	0	152
	%		46.2	16.1	3.5	1.5	3.5	25.1	3.2	.9	.0	
0510 TRANSPORTATION AND PUBLIC UTILITIES	#	7	1	0	1	0	0	0	0	0	0	5
	%		50.0	.0	50.0	.0	.0	.0	.0	.0	.0	

TABLE 11.0 (continued)

DETAILED DEGREE FIELD EMPLOYMENT STATUS FOR BACCALAUREATE DEGREE RECIPIENTS FROM THE STATE SYSTEM OF HIGHER EDUCATION IN PENNSYLVANIA

		TOTAL	EMPLOYED IN FIELD IN PA.	EMPLOYED IN FIELD PREPARED OUTSIDE PA.	EMPLOYED IN OTHER FIELD IN PA.	EMPLOYED IN FIELD OUTSIDE PA.	EMPLOYED PART TIME	UNEMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY	POST-GRAD STATUS UNKNOWN
BUSINESS AND MANAGEMENT												
0511 REAL ESTATE	#	20	5	0	2	0	0	1	1	0	0	11
	%		55.6	.0	22.2	.0	.0	11.1	11.1	.0	.0	
0514 SECRETARIAL STUDIES	#	9	6	1	0	0	0	0	0	0	0	2
	%		85.7	14.3	.0	.0	.0	.0	.0	.0	.0	
0516 LABOR AND INDUSTRIAL RELATIONS	#	11	1	1	0	0	2	1	0	0	0	6
	%		20.0	20.0	.0	.0	40.0	20.0	.0	.0	.0	
0517 BUSINESS ECONOMICS	#	78	11	4	4	1	2	9	3	2	0	42
	%		30.6	11.1	11.1	2.8	5.6	25.0	8.3	5.6	.0	
0599 OTHER	#	89	41	18	2	1	2	10	0	1	2	12
	%		53.2	23.4	2.6	1.3	2.6	13.0	.0	1.3	2.6	
*TOTAL BUSINESS AND MANAGEMENT		2532	806	277	118	26	89	387	78	26	12	713
COMMUNICATIONS												
0601 COMMUNICATIONS, GENERAL	#	197	42	9	14	5	10	24	14	0	0	79
	%		35.6	7.6	11.9	4.2	8.5	20.3	11.9	.0	.0	
0602 JOURNALISM	#	146	27	6	22	7	6	11	7	0	1	59
	%		31.0	6.9	25.3	8.0	6.9	12.6	8.0	.0	1.1	
0603 RADIO/TELEVISION	#	59	14	3	8	3	9	2	0	1	0	19
	%		35.0	7.5	20.0	7.5	22.5	5.0	.0	2.5	.0	
0604 ADVERTISING	#	57	27	4	4	1	7	5	0	0	4	5
	%		51.9	7.7	7.7	1.9	13.5	9.6	.0	.0	7.7	

TABLE 11.0 (continued)

DETAILED DEGREE FIELD EMPLOYMENT STATUS FOR BACCALAUREATE DEGREE RECIPIENTS FROM THE STATE SYSTEM OF HIGHER EDUCATION IN PENNSYLVANIA

		TOTAL	EMPLOYED IN FIELD PREPARED IN PA.	EMPLOYED IN FIELD PREPARED OUTSIDE PA.	EMPLOYED IN OTHER FIELD IN PA.	EMPLOYED IN OTHER FIELD OUTSIDE PA.	EMPLOYED PART TIME	UNEMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY	POST-GRAD STATUS UNKNOWN
COMMUNICATIONS												
0605 COMMUNICATION MEDIA	#	51	6	1	15	0	2	7	3	0	0	17
	%		17.6	2.9	44.1	.0	5.9	20.6	8.8	.0	.0	
0699 OTHER	#	47	10	2	9	5	2	4	5	2	0	8
	%		25.6	5.1	23.1	12.8	5.1	10.3	12.8	5.1	.0	
*TOTAL COMMUNICATIONS		557	126	25	72	21	36	53	29	3	5	187
COMPUTER AND INFORMATION SCIENCES												
0701 COMPUTER & INFORMATION SCIENCES, GENERAL	#	301	136	55	6	1	7	25	5	3	0	63
	%		57.1	23.1	2.5	.4	2.9	10.5	2.1	1.3	.0	
0702 INFORMATION SCIENCES AND SYSTEMS	#	74	11	18	1	0	2	19	0	2	0	21
	%		20.8	34.0	1.9	.0	3.8	35.8	.0	3.8	.0	
0704 COMPUTER PROGRAMMING	#	13	4	2	0	0	0	4	0	0	1	2
	%		36.4	18.2	.0	.0	.0	36.4	.0	.0	9.1	
0705 SYSTEMS ANALYSIS	#	66	26	9	2	0	2	13	0	0	0	14
	%		50.0	17.3	3.8	.0	3.8	25.0	.0	.0	.0	
*TOTAL COMPUTER AND INFORMATION SCIENCES		454	177	84	9	1	11	61	5	5	1	100
ENGINEERING												
0901 ENGINEERING, GENERAL	#	2	1	0	0	0	0	0	0	0	0	1
	%		100.0	.0	.0	.0	.0	.0	.0	.0	.0	

TABLE 11.0 (continued)

DETAILED DEGREE FIELD EMPLOYMENT STATUS FOR BACCALAUREATE DEGREE RECIPIENTS FROM THE STATE SYSTEM OF HIGHER EDUCATION IN PENNSYLVANIA

		TOTAL	EMPLOYED IN FIELD PREPARED IN PA.	EMPLOYED IN FIELD PREPARED OUTSIDE PA.	EMPLOYED IN OTHER FIELD IN PA.	EMPLOYED IN OTHER FIELD OUTSIDE PA.	EMPLOYED PART TIME	UNEMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY	POST-GRAD STATUS UNKNOWN
ENGINEERING												
0913 INDUSTRIAL AND MANAGEMENT ENGINEERING	#	34	12	6	1	0	0	9	1	0	0	5
	%		41.4	20.7	3.4	.0	.0	31.0	3.4	.0	.0	
0922 ENVIRONMENTAL AND SANITARY ENGINEERING	#	12	0	3	0	0	1	2	0	0	0	6
	%		.0	50.0	.0	.0	16.7	33.3	.0	.0	.0	
0925 ENGINEERING TECHNOLOGY	#	63	16	11	3	0	0	21	3	0	0	9
	%		29.6	20.4	5.6	.0	.0	38.9	5.6	.0	.0	
0999 OTHER	#	5	4	1	0	0	0	0	0	0	0	0
	%		80.0	20.0	.0	.0	.0	.0	.0	.0	.0	
*TOTAL ENGINEERING		116	33	21	4	0	1	32	4	0	0	21
FINE AND APPLIED ARTS												
1001 FINE ARTS, GENERAL	#	83	12	6	13	4	10	6	3	0	0	29
	%		22.2	11.1	24.1	7.4	18.5	11.1	5.6	.0	.0	
1002 ART(PAINTING, DRAWING, SCULPTURE)	#	168	28	6	19	0	13	17	3	0	1	81
	%		32.2	6.9	21.8	.0	14.9	19.5	3.4	.0	1.1	
1003 ART HISTORY AND APPRECIATION	#	4	0	0	0	1	0	0	1	0	0	2
	%		.0	.0	.0	50.0	.0	.0	50.0	.0	.0	
1004 MUSIC (PERFORMING COMPOSITION, THEORY)	#	17	0	1	0	0	1	2	1	0	0	12
	%		.0	20.0	.0	.0	20.0	40.0	20.0	.0	.0	
1005 MUSIC (LIBERAL ARTS PROGRAM)	#	34	4	6	3	0	7	1	6	0	0	7
	%		14.8	22.2	11.1	.0	25.9	3.7	22.2	.0	.0	

TABLE 11.0 (continued)

DETAILED DEGREE FIELD EMPLOYMENT STATUS FOR BACCALAUREATE DEGREE RECIPIENTS FROM THE STATE SYSTEM OF HIGHER EDUCATION IN PENNSYLVANIA

		TOTAL	EMPLOYED IN FIELD PREPARED IN PA.	EMPLOYED IN FIELD PREPARED OUTSIDE PA.	EMPLOYED IN OTHER FIELD IN PA.	EMPLOYED IN OTHER FIELD OUTSIDE PA.	EMPLOYED PART TIME	UNEMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY	POST-GRAD STATUS UNKNOWN
FINE AND APPLIED ARTS												
1006 MUSIC HISTORY AND APPRECIATION	#	1	0	0	1	0	0	0	0	0	0	0
	%		.0	.0	100.0	.0	.0	.0	.0	.0	.0	
1007 DRAMATIC ARTS	#	28	3	3	1	0	4	3	4	0	0	10
	%		16.7	16.7	5.6	.0	22.2	16.7	22.2	.0	.0	
1009 APPLIED DESIGN	#	1	0	0	0	1	0	0	0	0	0	0
	%		.0	.0	.0	100.0	.0	.0	.0	.0	.0	
1099 OTHER	#	11	1	0	1	2	3	3	0	0	0	1
	%		10.0	.0	10.0	20.0	30.0	30.0	.0	.0	.0	
*TOTAL FINE AND APPLIED ARTS		347	48	22	38	8	38	32	18	0	1	142
FOREIGN LANGUAGES												
1102 FRENCH	#	18	1	2	0	1	0	4	2	0	1	7
	%		9.1	18.2	.0	9.1	.0	36.4	18.2	.0	9.1	
1103 GERMAN	#	14	0	1	2	0	0	0	2	0	0	9
	%		.0	20.0	40.0	.0	.0	.0	40.0	.0	.0	
1105 SPANISH	#	31	5	2	1	2	2	2	1	0	0	16
	%		33.3	13.3	6.7	13.3	13.3	13.3	6.7	.0	.0	
1106 RUSSIAN	#	3	0	0	1	0	0	0	0	0	0	2
	%		.0	.0	100.0	.0	.0	.0	.0	.0	.0	
1199 OTHER	#	1	0	0	0	0	0	0	0	0	0	1
	%		.0	.0	.0	.0	.0	.0	.0	.0	.0	
*TOTAL FOREIGN LANGUAGES		67	6	5	4	3	2	6	5	0	1	35

TABLE 11.0 (continued)

DETAILED DEGREE FIELD EMPLOYMENT STATUS FOR BACCALAUREATE DEGREE RECIPIENTS FROM THE STATE SYSTEM OF HIGHER EDUCATION IN PENNSYLVANIA

		TOTAL	EMPLOYED IN FIELD PREPARED IN PA.	EMPLOYED IN FIELD PREPARED OUTSIDE PA.	EMPLOYED IN OTHER FIELD IN PA.	EMPLOYED IN OTHER FIELD OUTSIDE PA.	EMPLOYED PART TIME	UNEMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY	POST-GRAD STATUS UNKNOWN
HEALTH PROFESSIONS												
1203 NURSING (BACCALAUREATE AND HIGHER)	#	311	195	40	5	0	5	5	2	0	2	57
	%		76.8	15.7	2.0	.0	2.0	2.0	.8	.0	.8	
1208 OCCUPATIONAL THERAPY	#	40	15	4	0	0	0	0	0	0	0	21
	%		78.9	21.1	.0	.0	.0	.0	.0	.0	.0	
1213 DENTAL HYGIENE (BACCALAUREATE & HIGHER)	#	31	10	1	0	1	3	1	0	0	0	15
	%		62.5	6.3	.0	6.3	18.8	6.3	.0	.0	.0	
1214 PUBLIC HEALTH	#	75	9	3	5	0	6	5	4	0	0	43
	%		28.1	9.4	15.6	.0	18.8	15.6	12.5	.0	.0	
1220 SPEECH PATHOLOGY AND AUDIOLOGY	#	21	5	4	1	0	[illegible]	0	3	0	0	4
	%		29.4	23.5	5.9	.0	23.5	.0	17.6	.0	.0	
1223 MEDICAL LAB. TECHNOLOGIES	#	119	72	12	0	0	0	2	1	0	0	32
	%		82.8	13.8	.0	.0	.0	2.3	1.1	.0	.0	
1225 RADIOLOGIC TECHNOLOGIES	#	4	4	0	0	0	0	0	0	0	0	0
	%		100.0	.0	.0	.0	.0	.0	.0	.0	.0	
1299 OTHER	#	61	22	4	0	0	1	1	2	0	0	31
	%		73.3	13.3	.0	.0	3.3	3.3	6.7	.0	.0	
*TOTAL HEALTH PROFESSIONS		662	332	68	11	1	19	14	12	0	2	203
HOME ECONOMICS												
1304 CONSUMER ECONOMICS & HOME MANAGEMENT	#	113	46	17	3	0	10	13	2	0	0	22
	%		50.5	18.7	3.3	.0	11.0	14.3	2.2	.0	.0	

TABLE 11.0 (continued)

DETAILED DEGREE FIELD EMPLOYMENT STATUS FOR BACCALAUREATE DEGREE RECIPIENTS FROM THE STATE SYSTEM OF HIGHER EDUCATION IN PENNSYLVANIA

		TOTAL	EMPLOYED IN FIELD IN PA.	EMPLOYED IN FIELD PREPARED OUTSIDE PA.	EMPLOYED IN OTHER FIELD IN PA.	EMPLOYED IN OTHER FIELD OUTSIDE PA.	EMPLOYED PART TIME	UNEMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY	POST-GRAD STATUS UNKNOWN
HOME ECONOMICS												
1305 FAMILY RELATIONS AND CHILD DEVELOPMENT	#	20	3	6	3	0	1	0	1	0	1	5
	%		20.0	40.0	20.0	.0	6.7	.0	6.7	.0	6.7	
1306 FOODS AND NUTRITION	#	112	44	17	0	0	2	10	23	0	1	15
	%		45.4	17.5	.0	.0	2.1	10.3	23.7	.0	1.0	
*TOTAL HOME ECONOMICS		245	93	40	6	0	13	23	26	0	2	42
INTERDISCIPLINARY STUDIES												
4901 GENERAL LIBERAL ARTS AND SCIENCE	#	24	4	0	4	1	1	2	1	0	0	11
	%		30.8	.0	30.8	7.7	7.7	15.4	7.7	.0	.0	
4902 BIOLOGICAL AND PHYSICAL SCIENCE	#	24	3	1	0	0	0	2	11	1	0	6
	%		16.7	5.6	.0	.0	.0	11.1	61.1	5.6	.0	
4903 HUMANITIES AND SOCIAL SCIENCE	#	8	2	0	0	0	1	3	1	0	0	1
	%		28.6	.0	.0	.0	14.3	42.9	14.3	.0	.0	
4999 OTHER	#	7	1	0	0	0	0	1	0	0	0	5
	%		50.0	.0	.0	.0	.0	50.0	.0	.0	.0	
*TOTAL INTERDISCIPLINARY STUDIES		63	10	1	4	1	2	8	13	1	0	23
LETTERS												
1501 ENGLISH GENERAL	#	110	15	4	11	3	6	11	12	1	0	47
	%		23.8	6.3	17.5	4.8	9.5	17.5	19.0	1.6	.0	

TABLE 11.0 (continued)

DETAILED DEGREE FIELD EMPLOYMENT STATUS FOR BACCALAUREATE DEGREE RECIPIENTS FROM THE STATE SYSTEM OF HIGHER EDUCATION IN PENNSYLVANIA

		TOTAL	EMPLOYED IN FIELD IN PA.	EMPLOYED IN PREPARED OUTSIDE PA.	EMPLOYED IN OTHER FIELD IN PA.	EMPLOYED IN OTHER FIELD OUTSIDE PA.	EMPLOYED PART TIME	UNEMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY	POST-GRAD STATUS UNKNOWN
LETTERS												
1502 LITERATURE, ENGLISH	#	16	0	0	3	0	0	0	2	0	0	11
	%		.0	.0	60.0	.0	.0	.0	40.0	.0	.0	
1506 SPEECH, DEBATE & FORENSIC SCIENCE	#	90	10	3	8	5	5	6	10	0	0	43
	%		21.3	6.4	17.0	10.6	10.6	12.8	21.3	.0	.0	
1509 PHILOSOPHY	#	28	0	0	3	0	0	3	8	0	0	14
	%		.0	.0	21.4	.0	.0	21.4	57.1	.0	.0	
1510 RELIGIOUS STUDIES	#	1	0	0	0	0	0	1	0	0	0	0
	%		.0	.0	.0	.0	.0	100.0	.0	.0	.0	
1599 OTHER	#	4	1	1	1	0	1	0	0	0	0	0
	%		25.0	25.0	25.0	.0	25.0	.0	.0	.0	.0	
*TOTAL LETTERS		249	26	8	26	8	12	21	32	1	0	115
MATHEMATICS												
1701 MATHEMATICS, GENERAL	#	59	16	5	1	1	1	11	7	4	1	12
	%		34.0	10.6	2.1	2.1	2.1	23.4	14.9	8.5	2.1	
1703 APPLIED MATHEMATICS	#	13	4	6	0	0	0	2	0	0	0	1
	%		33.3	50.0	.0	.0	.0	16.7	.0	.0	.0	
*TOTAL MATHEMATICS		72	20	11	1	1	1	13	7	4	1	13
PHYSICAL SCIENCES												
1901 PHYSICAL SCIENCES, GENERAL	#	1	0	0	0	0	0	0	0	0	0	1
	%		.0	.0	.0	.0	.0	.0	.0	.0	.0	

TABLE 11.0 (continued)

DETAILED DEGREE FIELD EMPLOYMENT STATUS FOR BACCALAUREATE DEGREE RECIPIENTS FROM THE STATE SYSTEM OF HIGHER EDUCATION IN PENNSYLVANIA

		TOTAL	EMPLOYED IN FIELD PREPARED IN PA.	EMPLOYED IN FIELD PREPARED OUTSIDE PA.	EMPLOYED IN OTHER FIELD IN PA.	EMPLOYED IN OTHER FIELD OUTSIDE PA.	EMPLOYED PART TIME	UNEMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY	POST-GRAD STATUS UNKNOWN
PHYSICAL SCIENCES												
1902 PHYSICS, GENERAL	#	32	3	4	0	3	1	1	6	2	0	12
	%		15.0	20.0	.0	15.0	5.0	5.0	30.0	10.0	.0	
1905 CHEMISTRY, GENERAL	#	91	17	7	5	0	3	9	31	1	0	18
	%		23.3	9.6	6.8	.0	4.1	12.3	42.5	1.4	.0	
1914 GEOLOGY	#	62	5	6	3	1	3	13	7	0	0	24
	%		13.2	15.8	7.9	2.6	7.9	34.2	18.4	.0	.0	
1917 EARTH SCIENCES, GENERAL	#	78	13	4	11	3	3	3	2	3	0	36
	%		31.0	9.5	26.2	7.1	7.1	7.1	4.8	7.1	.0	
*TOTAL PHYSICAL SCIENCES		264	38	21	19	7	10	26	46	6	0	91
PSYCHOLOGY												
2001 PSYCHOLOGY, GENERAL	#	364	74	25	32	8	16	30	42	4	1	132
	%		31.9	10.8	13.8	3.4	6.9	12.9	18.1	1.7	.4	
2005 SOCIAL PSYCHOLOGY	#	7	0	1	1	1	1	0	1	0	0	2
	%		.0	20.0	20.0	20.0	20.0	.0	20.0	.0	.0	
*TOTAL PSYCHOLOGY		371	74	26	33	9	17	30	43	4	1	134
PUBLIC AFFAIRS AND SERVICES												
2102 PUBLIC ADMINISTRATION	#	17	4	1	0	0	2	0	2	0	0	8
	%		44.4	11.1	.0	.0	22.2	.0	22.2	.0	.0	

TABLE 11.0 (continued)

DETAILED DEGREE FIELD EMPLOYMENT STATUS FOR BACCALAUREATE DEGREE RECIPIENTS FROM THE STATE SYSTEM OF HIGHER EDUCATION IN PENNSYLVANIA

		TOTAL	EMPLOYED IN FIELD PREPARED IN PA.	EMPLOYED IN FIELD PREPARED OUTSIDE PA.	EMPLOYED IN OTHER FIELD IN PA.	EMPLOYED IN OTHER FIELD OUTSIDE PA.	EMPLOYED PART TIME	UNEMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY	POST-GRAD STATUS UNKNOWN
PUBLIC AFFAIRS AND SERVICES												
2103 PARKS AND RECREATION MANAGEMENT	#	136	16	18	6	5	9	18	4	0	0	60
	%		21.1	23.7	7.9	6.6	11.8	23.7	5.3	.0	.0	
2104 SOCIAL WORK AND HELP SERVICES	#	235	69	6	20	6	12	23	10	2	2	85
	%		46.0	4.0	13.3	4.0	8.0	15.3	6.7	1.3	1.3	
2105 LAW ENFORCEMENT & CORRECTIONS	#	182	29	7	28	7	17	5	11	5	0	73
	%		26.6	6.4	25.7	6.4	15.6	4.6	10.1	4.6	.0	
2199 OTHER	#	94	24	18	3	0	6	14	2	0	2	25
	%		34.8	26.1	4.3	.0	8.7	20.3	2.9	.0	2.9	
*TOTAL PUBLIC AFFAIRS AND SERVICES		664	142	50	57	18	46	60	29	7	4	251
SOCIAL SCIENCES												
2201 SOCIAL SCIENCES, GENERAL	#	21	2	0	3	0	2	3	2	0	0	9
	%		16.7	.0	25.0	.0	16.7	25.0	16.7	.0	.0	
2202 ANTHROPOLOGY	#	18	1	3	2	1	1	1	4	0	0	5
	%		7.7	23.1	15.4	7.7	7.7	7.7	30.8	.0	.0	
2204 ECONOMICS	#	79	19	6	10	0	3	4	12	0	1	24
	%		34.5	10.9	18.2	.0	5.5	7.3	21.8	.0	1.8	
2205 HISTORY	#	80	8	1	13	2	3	3	13	5	0	32
	%		16.7	2.1	27.1	4.2	6.3	6.3	27.1	10.4	.0	
2206 GEOGRAPHY	#	71	3	2	9	2	5	7	9	3	0	31
	%		7.5	5.0	22.5	5.0	12.5	17.5	22.5	7.5	.0	

TABLE 11.0 (continued)

DETAILED DEGREE FIELD EMPLOYMENT STATUS FOR BACCALAUREATE DEGREE RECIPIENTS FROM THE STATE SYSTEM OF HIGHER EDUCATION IN PENNSYLVANIA*

		TOTAL	EMPLOYED IN FIELD PREPARED IN PA.	EMPLOYED IN FIELD PREPARED OUTSIDE PA.	EMPLOYED IN OTHER FIELD IN PA.	EMPLOYED IN OTHER FIELD OUTSIDE PA.	EMPLOYED PART TIME	UNEMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY	POST-GRAD STATUS UNKNOWN
SOCIAL SCIENCES												
2207 POLITICAL SCIENCE AND GOVERNMENT	#	185	14	7	15	5	8	11	33	7	1	84
	%		13.9	6.9	14.9	5.0	7.9	10.9	32.7	6.9	1.0	
2208 SOCIOLOGY	#	208	49	9	28	5	11	20	12	3	4	67
	%		34.8	6.4	19.9	3.5	7.8	14.2	8.5	2.1	2.8	
2209 CRIMINOLOGY	#	260	55	19	11	4	8	25	11	3	0	124
	%		40.4	14.0	8.1	2.9	5.9	18.4	8.1	2.2	.0	
2210 INTERNATIONAL RELATIONS	#	10	0	1	0	0	0	1	2	1	0	5
	%		.0	20.0	.0	.0	.0	20.0	40.0	20.0	.0	
2214 URBAN STUDIES	#	20	17	0	0	0	0	1	1	0	0	1
	%		89.5	.0	.0	.0	.0	5.3	5.3	.0	.0	
2299 OTHER	#	1	0	0	1	0	0	0	0	0	0	0
	%		.0	.0	100.0	.0	.0	.0	.0	.0	.0	
*TOTAL SOCIAL SCIENCES		953	168	48	92	19	41	76	99	22	6	382
TOTAL		8011	2159	727	524	130	364	887	518	86	37	2579

* PERCENTAGES MAY NOT ADD TO 100 DUE TO ROUNDING ERROR

TABLE 11.1

DETAILED DEGREE FIELD EMPLOYMENT STATUS FOR BACCALAUREATE DEGREE RECIPIENTS FROM THE STATE-RELATED INSTITUTIONS IN PENNSYLVANIA, 1982*

		TOTAL	EMPLOYED IN FIELD PREPARED IN PA.	EMPLOYED IN FIELD PREPARED OUTSIDE PA.	EMPLOYED IN OTHER FIELD IN PA.	EMPLOYED IN OTHER FIELD OUTSIDE PA.	EMPLOYED PART TIME	UNEMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY	POST-GRAD STATUS UNKNOWN
AGRICULTURE AND NATURAL RESOURCES												
0101 AGRICULTURE, GENERAL	#	56	7	4	7	0	5	6	1	1	1	24
	%		21.9	12.5	21.9	.0	15.6	18.8	3.1	3.1	3.1	
0102 AGRONOMY	#	38	9	4	1	0	1	7	3	1	1	11
	%		33.3	14.8	3.7	.0	3.7	25.9	11.1	3.7	3.7	
0104 ANIMAL SCIENCE	#	112	15	8	11	2	5	12	18	0	0	41
	%		21.1	11.3	15.5	2.8	7.0	16.9	25.4	.0	.0	
0105 DAIRY SCIENCE	#	19	9	2	2	0	1	1	1	0	0	3
	%		56.3	12.5	12.5	.0	6.3	6.3	6.3	.0	.0	
0106 POULTRY SCIENCE	#	3	0	0	0	0	0	1	0	0	0	2
	%		.0	.0	.0	.0	.0	100.0	.0	.0	.0	
0107 FISH, GAME AND WILDLIFE MANAGEMENT	#	1	0	0	0	0	0	0	1	0	0	0
	%		.0	.0	.0	.0	.0	.0	100.0	.0	.0	
0108 HORTICULTURE	#	107	28	3	4	0	2	6	12	0	1	51
	%		50.0	5.4	7.1	.0	3.6	10.7	21.4	.0	1.8	
0111 AGRICULTURAL ECONOMICS	#	13	1	1	0	0	0	3	2	0	0	6
	%		14.3	14.3	.0	.0	.0	42.9	28.6	.0	.0	
0112 AGRICULTURAL BUSINESS	#	61	6	4	12	0	4	8	3	1	0	23
	%		15.8	10.5	31.6	.0	10.5	21.1	7.9	2.6	.0	
0113 FOOD SCIENCE AND TECHNOLOGY	#	42	7	13	1	0	0	6	4	0	0	11
	%		22.6	41.9	3.2	.0	.0	19.4	12.9	.0	.0	
0114 FORESTRY	#	55	7	5	6	2	10	8	3	3	1	10
	%		15.6	11.1	13.3	4.4	22.2	17.8	6.7	6.7	2.2	

TABLE 11.1 (continued)

DETAILED DEGREE FIELD EMPLOYMENT STATUS FOR BACCALAUREATE DEGREE RECIPIENTS FROM THE STATE-RELATED INSTITUTIONS IN PENNSYLVANIA, 1982

		TOTAL	EMPLOYED IN FIELD IN PA.	EMPLOYED IN FIELD PREPARED OUTSIDE PA.	EMPLOYED IN OTHER FIELD IN PA.	EMPLOYED IN FIELD OUTSIDE PA.	EMPLOYED PART TIME	UNEMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY	POST-GRAD STATUS UNKNOWN
AGRICULTURE AND NATURAL RESOURCES												
0115 NATURAL RESOURCES MANAGEMENT	#	119	12	8	12	5	6	22	15	2	0	37
	%		14.6	9.8	14.6	6.1	7.3	26.8	18.3	2.4	.0	
0199 OTHER	#	45	8	6	2	1	1	7	3	1	0	16
	%		27.6	20.7	6.9	3.4	3.4	24.1	10.3	3.4	.0	
*TOTAL AGRICULTURE AND NATURAL RESOURCES		671	109	58	58	10	35	87	66	9	4	235
ARCHITECTURE AND ENVIRONMENTAL DESIGN												
0202 ARCHITECTURE	#	58	9	11	2	1	0	4	5	0	0	26
	%		28.1	34.4	6.3	3.1	.0	12.5	15.6	.0	.0	
0204 LANDSCAPE ARCHITECTURE	#	48	5	5	3	2	2	15	0	0	0	16
	%		15.6	15.6	9.4	6.3	6.3	46.9	.0	.0	.0	
*TOTAL ARCHITECTURE AND ENVIRONMENTAL DESIGN		106	14	16	5	3	2	19	5	0	0	42
AREA STUDIES												
0302 EAST ASIAN STUDIES	#	3	0	1	1	0	0	0	0	0	0	1
	%		.0	50.0	50.0	.0	.0	.0	.0	.0	.0	
0305 AFRICAN STUDIES	#	6	0	0	0	0	0	0	0	0	0	6
	%		.0	.0	.0	.0	.0	.0	.0	.0	.0	
0308 LATIN AMERICAN STUDIES	#	1	0	0	0	0	0	0	0	0	0	1
	%		.0	.0	.0	.0	.0	.0	.0	.0	.0	

TABLE 11.1 (continued)

DETAILED DEGREE FIELD EMPLOYMENT STATUS FOR BACCALAUREATE DEGREE RECIPIENTS FROM THE STATE-RELATED INSTITUTIONS IN PENNSYLVANIA, 1982

		TOTAL	EMPLOYED IN FIELD IN PA.	EMPLOYED IN PREPARED OUTSIDE PA.	EMPLOYED IN OTHER FIELD IN PA.	EMPLOYED IN OTHER FIELD OUTSIDE PA.	EMPLOYED PART TIME	UNEMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY	POST-GRAD STATUS UNKNOWN
AREA STUDIES												
0313 AMERICAN STUDIES	#	11	0	1	2	1	1	1	0	0	0	5
	%		.0	16.7	33.3	16.7	16.7	16.7	.0	.0	.0	
*TOTAL AREA STUDIES		21	0	2	3	1	1	1	0	0	0	13
BIOLOGICAL SCIENCES												
0401 BIOLOGICAL, GENERAL	#	308	15	8	11	6	9	25	83	0	1	150
	%		9.5	5.1	7.0	3.8	5.7	15.8	52.5	.0	.6	
0411 MICROBIOLOGY	#	110	27	8	3	2	3	8	21	0	0	38
	%		37.5	11.1	4.2	2.8	4.2	11.1	29.2	.0	.0	
0414 BIOCHEMISTRY	#	49	5	3	3	0	0	3	18	0	0	17
	%		15.6	9.4	9.4	.0	.0	9.4	56.3	.0	.0	
0415 BIOPHYSICS	#	9	2	0	0	0	0	0	3	0	0	4
	%		40.0	.0	.0	.0	.0	.0	60.0	.0	.0	
0421 ENTOMOLOGY	#	8	1	0	0	0	0	1	3	0	0	3
	%		20.0	.0	.0	.0	.0	20.0	60.0	.0	.0	
0425 NEUROSCIENCES	#	3	0	0	0	0	0	0	0	0	0	3
	%		.0	.0	.0	.0	.0	.0	.0	.0	.0	
0499 OTHER	#	17	2	0	0	0	0	1	6	0	0	8
	%		22.2	.0	.0	.0	.0	11.1	66.7	.0	.0	
*TOTAL BIOLOGICAL SCIENCES		504	52	19	17	8	12	38	134	0	1	223

TABLE 11.1 (continued)

DETAILED DEGREE FIELD EMPLOYMENT STATUS FOR BACCALAUREATE DEGREE RECIPIENTS FROM THE STATE-RELATED INSTITUTIONS IN PENNSYLVANIA, 1982

		TOTAL	EMPLOYED IN FIELD IN PA.	EMPLOYED IN PREPARED FIELD OUTSIDE PA.	EMPLOYED IN OTHER FIELD IN PA.	EMPLOYED IN OTHER FIELD OUTSIDE PA.	EMPLOYED PART TIME	UNEMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY	POST-GRAD STATUS UNKNOWN
BUSINESS AND MANAGEMENT												
0501 BUSINESS AND COMMERCE, GENERAL	#	408	84	17	24	2	7	27	12	5	2	228
	%		46.7	9.4	13.3	1.1	3.9	15.0	6.7	2.8	1.1	
0502 ACCOUNTING	#	710	180	106	30	6	21	76	15	2	0	274
	%		41.3	24.3	6.9	1.4	4.8	17.4	3.4	.5	.0	
0503 BUSINESS STATISTICS	#	9	3	0	1	0	0	1	0	0	0	4
	%		60.0	.0	20.0	.0	.0	20.0	.0	.0	.0	
0504 BANKING AND FINANCE	#	177	19	26	8	6	4	23	9	1	1	80
	%		19.6	26.8	8.2	6.2	4.1	23.7	9.3	1.0	1.0	
0506 BUSINESS MANAGEMANT AND ADMINISTRATION	#	295	49	20	30	5	6	38	5	6	1	135
	%		30.6	12.5	18.8	3.1	3.7	23.7	3.1	3.7	.6	
0509 MARKETING AND PURCHASING	#	433	80	55	21	14	21	41	18	1	0	182
	%		31.9	21.9	8.4	5.6	8.4	16.3	7.2	.4	.0	
0510 TRANSPORTATION AND PUBLIC UTILITIES	#	182	12	28	17	6	6	41	4	2	1	65
	%		10.3	23.9	14.5	5.1	5.1	35.0	3.4	1.7	.9	
0511 REAL ESTATE	#	5	0	0	1	0	0	0	0	0	0	4
	%		.0	.0	100.0	.0	.0	.0	.0	.0	.0	
0512 INSURANCE	#	37	10	0	0	1	0	5	0	0	0	21
	%		62.5	.0	.0	6.3	.0	31.3	.0	.0	.0	
0516 LABOR AND INDUSTRIAL RELATIONS	#	62	5	2	9	3	2	4	6	1	0	30
	%		15.6	6.3	28.1	9.4	6.3	12.5	18.8	3.1	.0	
0517 BUSINESS ECONOMICS	#	39	4	2	1	1	2	5	3	0	0	21
	%		22.2	11.1	5.6	5.6	11.1	27.8	16.7	.0	.0	

TABLE 11.1 (continued)

DETAILED DEGREE FIELD EMPLOYMENT STATUS FOR BACCALAUREATE DEGREE RECIPIENTS FROM THE STATE-RELATED INSTITUTIONS IN PENNSYLVANIA, 1982

		TOTAL	EMPLOYED IN FIELD PREPARED IN PA.	EMPLOYED IN FIELD PREPARED OUTSIDE PA.	EMPLOYED OTHER IN PA.	EMPLOYED IN FIELD OUTSIDE PA.	EMPLOYED PART TIME	UNEMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY	POST-GRAD STATUS UNKNOWN
BUSINESS AND MANAGEMENT												
0599 OTHER	#	65	10	11	3	2	2	13	2	0	0	22
	%		23.3	25.6	7.0	4.7	4.7	30.2	4.7	.0	.0	
*TOTAL BUSINESS AND MANAGEMENT		2422	456	267	145	46	71	274	74	18	5	1066
COMMUNICATIONS												
0601 COMMUNICATIONS, GENERAL	#	33	5	1	0	1	2	2	1	2	0	19
	%		35.7	7.1	.0	7.1	14.3	14.3	7.1	14.3	.0	
0602 JOURNALISM	#	255	44	19	19	7	22	28	7	0	0	109
	%		30.1	13.0	13.0	4.8	15.1	19.2	4.8	.0	.0	
0603 RADIO/TELEVISION	#	193	19	13	17	3	17	7	7	0	0	110
	%		22.9	15.7	20.5	3.6	20.5	8.4	8.4	.0	.0	
0604 ADVERTISING	#	144	15	17	13	8	11	26	3	1	1	49
	%		15.8	17.9	13.7	8.4	11.6	27.4	3.2	1.1	1.1	
0605 COMMUNICATION MEDIA	#	11	1	0	0	1	0	0	0	0	0	9
	%		50.0	.0	.0	50.0	.0	.0	.0	.0	.0	
*TOTAL COMMUNICATIONS		636	84	50	49	20	52	63	18	3	1	296
COMPUTER AND INFORMATION SCIENCES												
0701 COMPUTER & INFORMATION SCIENCES, GENERAL	#	443	80	81	3	3	8	20	13	1	0	234
	%		38.3	38.8	1.4	1.4	3.8	9.6	6.2	.5	.0	

TABLE 11.1 (continued)

DETAILED DEGREE FIELD EMPLOYMENT STATUS FOR BACCALAUREATE DEGREE RECIPIENTS FROM THE STATE-RELATED INSTITUTIONS IN PENNSYLVANIA, 1982

		TOTAL	EMPLOYED IN FIELD IN PA.	EMPLOYED IN FIELD PREPARED OUTSIDE PA.	EMPLOYED IN OTHER FIELD IN PA.	EMPLOYED IN OTHER FIELD OUTSIDE PA.	EMPLOYED PART TIME	UNEMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY	POST-GRAD STATUS UNKNOWN
COMPUTER AND INFORMATION SCIENCES												
0702 INFORMATION SCIENCES AND SYSTEMS	#	87	3	2	1	0	5	2	1	1	0	72
	%		20.0	13.3	6.7	.0	33.3	13.3	6.7	6.7	.0	
*TOTAL COMPUTER AND INFORMATION SCIENCES		530	83	83	4	3	13	22	14	2	0	306
ENGINEERING												
0902 AEROSPACE, AERONAUTICAL & ASTRONAUTICAL	#	66	2	19	0	2	1	7	5	10	0	20
	%		4.3	41.3	.0	4.3	2.2	15.2	10.9	21.7	.0	
0903 AGRICULTRAL ENGINEERING	#	31	4	1	2	1	0	3	6	1	0	13
	%		22.2	5.6	11.1	5.6	.0	16.7	33.3	5.6	.0	
0904 ARCHITECTURAL ENGINEERING	#	107	24	25	3	0	1	1	1	2	0	50
	%		42.1	43.9	5.3	.0	1.8	1.8	1.8	3.5	.0	
0905 BIOENGINEERING & BIOMEDICAL ENGINEERING	#	17	3	1	0	1	0	1	1	0	0	10
	%		42.9	14.3	.0	14.3	.0	14.3	14.3	.0	.0	
0906 CHEMICAL ENGINEERING	#	232	28	39	3	2	2	32	17	4	0	85
	%		19.0	40.1	2.0	1.4	1.4	21.8	11.6	2.7	.0	
0907 PETROLEUM ENGINEERING	#	76	4	39	0	0	1	4	2	2	0	24
	%		7.7	75.0	.0	.0	1.9	7.7	3.8	3.8	.0	
0908 CIVIL, CONSTRUCTION & TRANSPORT. ENGINEE	#	270	59	32	5	4	2	20	11	10	1	126
	%		41.0	22.2	3.5	2.8	1.4	13.9	7.6	6.9	.7	
0909 ELECTRICAL, ELECTRONICS & COMMUNICATIONS	#	390	84	102	0	2	1	12	13	5	1	170
	%		38.2	46.4	.0	.9	.5	5.5	5.9	2.3	.5	

TABLE 11.1 (continued)

DETAILED DEGREE FIELD EMPLOYMENT STATUS FOR BACCALAUREATE DEGREE RECIPIENTS FROM THE STATE-RELATED INSTITUTIONS IN PENNSYLVANIA, 1982

		TOTAL	EMPLOYED IN FIELD IN PA.	EMPLOYED IN FIELD PREPARED OUTSIDE PA.	EMPLOYED IN OTHER FIELD IN PA.	EMPLOYED IN FIELD OUTSIDE PA.	EMPLOYED PART TIME	UNEMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY	POST-GRAD STATUS UNKNOWN
ENGINEERING												
0910 MECHANICAL ENGINEERING	#	334	80	46	6	0	0	20	12	10	0	160
	%		46.0	26.4	3.4	.0	.0	11.5	6.9	5.7	.0	
0913 INDUSTRIAL AND MANAGEMENT ENGINEERING	#	206	44	53	1	5	0	11	9	4	0	79
	%		34.6	41.7	.8	3.9	.0	8.7	7.1	3.1	.0	
0914 METALLURGICAL ENGINEERING	#	24	7	6	0	0	0	0	4	0	0	7
	%		41.2	35.3	.0	.0	.0	.0	23.5	.0	.0	
0915 MATERIALS ENGINEERING	#	15	2	1	1	0	0	1	1	0	0	9
	%		33.3	16.7	16.7	.0	.0	16.7	16.7	.0	.0	
0916 CERAMIC ENGINEERING	#	21	3	3	0	2	0	3	2	0	0	8
	%		23.1	23.1	.0	15.4	.0	23.1	15.4	.0	.0	
0918 MAINING AND MINERAL ENGINEERING	#	118	23	19	5	0	3	10	9	1	0	48
	%		32.9	27.1	7.1	.0	4.3	14.3	12.9	1.4	.0	
0920 NUCLEAR ENGINEERING	#	38	12	6	0	0	0	0	1	7	0	12
	%		46.2	23.1	.0	.0	.0	.0	3.8	26.9	.0	
0922 ENVIRONMENTAL AND SANITARY ENGINEERING	#	32	4	5	2	2	1	4	2	2	0	10
	%		18.2	22.7	9.1	9.1	4.5	18.2	9.1	9.1	.0	
0925 ENGINEERING TECHNOLOGY	#	215	66	35	3	1	0	23	3	1	0	83
	%		50.0	26.5	2.3	.8	.0	17.4	2.3	.8	.0	
0999 OTHER	#	35	6	9	0	0	0	0	10	0	0	10
	%		24.0	36.0	.0	.0	.0	.0	40.0	.0	.0	
*TOTAL ENGINEERING		2227	455	461	31	22	12	152	109	59	2	924

TABLE 11.1 (continued)

DETAILED DEGREE FIELD EMPLOYMENT STATUS FOR BACCALAUREATE DEGREE RECIPIENTS FROM THE STATE-RELATED INSTITUTIONS IN PENNSYLVANIA, 1982

		TOTAL	EMPLOYED IN FIELD IN PA.	EMPLOYED IN PREPARED OUTSIDE PA.	EMPLOYED IN OTHER FIELD IN PA.	EMPLOYED IN OUTSIDE PA.	EMPLOYED PART TIME	UNEMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY	POST-GRAD STATUS UNKNOWN
FINE AND APPLIED ARTS												
1001 FINE ARTS, GENERAL	#	23	1	4	1	0	2	1	0	0	0	14
	%		11.1	44.4	11.1	.0	22.2	11.1	.0	.0	.0	
1002 ART(PAINTING, DRAWING, SCULPTURE)	#	158	6	4	11	5	13	12	6	0	4	97
	%		9.8	6.6	18.0	8.2	21.3	19.7	9.8	.0	6.6	
1003 ART HISTORY AND APPRECIATION	#	24	0	1	0	0	1	1	4	0	1	16
	%		.0	12.5	.0	.0	12.5	12.5	50.0	.0	12.5	
1004 MUSIC (PERFORMING COMPOSITION, THEORY)	#	50	2	1	2	0	6	1	6	0	0	32
	%		11.1	5.6	11.1	.0	33.3	5.6	33.3	.0	.0	
1005 MUSIC (LIBERAL ARTS PROGRAM)	#	5	0	0	1	0	0	0	1	0	0	3
	%		.0	.0	50.0	.0	.0	.0	50.0	.0	.0	
1006 MUSIC HISTORY AND APPRECIATION	#	2	0	0	1	0	1	0	0	0	0	0
	%		.0	.0	50.0	.0	50.0	.0	.0	.0	.0	
1007 DRAMATIC ARTS	#	61	3	2	6	2	3	5	4	0	0	36
	%		12.0	8.0	24.0	8.0	12.0	20.0	16.0	.0	.0	
1008 DANCE	#	1	1	0	0	0	0	0	0	0	0	0
	%		100.0	.0	.0	.0	.0	.0	.0	.0	.0	
1009 APPLIED DESIGN	#	57	3	3	1	1	5	2	1	0	0	41
	%		18.8	18.8	6.3	6.3	31.3	12.5	6.3	.0	.0	
1010 CINEMATOGRAPHY	#	8	0	0	0	0	1	0	0	0	0	7
	%		.0	.0	.0	.0	100.0	.0	.0	.0	.0	
1011 PHOTOGRAPHY	#	12	1	0	3	0	0	0	0	0	0	
	%		25.0	.0	75.0	.0	.0	.0	.0	.0	.0	

TABLE 11.1 (continued)

DETAILED DEGREE FIELD EMPLOYMENT STATUS FOR BACCALAUREATE DEGREE RECIPIENTS FROM THE STATE-RELATED INSTITUTIONS IN PENNSYLVANIA, 1982

		TOTAL	EMPLOYED IN FIELD PREPARED IN PA.	EMPLOYED IN FIELD PREPARED OUTSIDE PA.	EMPLOYED OTHER IN FIELD IN PA.	EMPLOYED OTHER IN FIELD OUTSIDE PA.	EMPLOYED PART TIME	UNEMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY	POST-GRAD STATUS UNKNOWN
FINE AND APPLIED ARTS												
1099 OTHER	#	15	2	0	0	0	1	0	1	0	0	11
	%		50.0	.0	.0	.0	25.0	.0	25.0	.0	.0	
*TOTAL FINE AND APPLIED ARTS		416	19	15	26	8	33	22	23	0	5	265
FOREIGN LANGUAGES												
1102 FRENCH	#	41	0	0	6	2	2	7	0	0	2	22
	%		.0	.0	31.6	10.5	10.5	36.8	.0	.0	10.5	
1103 GERMAN	#	12	0	1	0	1	1	1	0	0	0	8
	%		.0	25.0	.0	25.0	25.0	25.0	.0	.0	.0	
1104 ITALIAN	#	5	0	0	1	0	0	0	0	0	0	4
	%		.0	.0	100.0	.0	.0	.0	.0	.0	.0	
1105 SPANISH	#	38	3	0	4	0	1	4	3	1	0	22
	%		18.8	.0	25.0	.0	6.3	25.0	18.8	6.3	.0	
1106 RUSSIAN	#	9	0	0	0	0	1	0	1	1	0	6
	%		.0	.0	.0	.0	33.3	.0	33.3	33.3	.0	
1107 CHINESE	#	1	0	0	0	0	0	0	0	0	0	1
	%		.0	.0	.0	.0	.0	.0	.0	.0	.0	
1108 JAPANESE	#	2	0	0	0	0	1	0	0	0	0	1
	%		.0	.0	.0	.0	100.0	.0	.0	.0	.0	
1109 LATIN	#	1	1	0	0	0	0	0	0	0	0	0
	%		100.0	.0	.0	.0	.0	.0	.0	.0	.0	
*TOTAL FOREIGN LANGUAGES		109	4	1	11	3	6	12	4	2	2	69

TABLE 11.1 (continued)

DETAILED DEGREE FIELD EMPLOYMENT STATUS FOR BACCALAUREATE DEGREE RECIPIENTS FROM THE STATE-RELATED INSTITUTIONS IN PENNSYLVANIA, 1982

		TOTAL	EMPLOYED IN FIELD IN PA.	EMPLOYED IN PREPARED FIELD OUTSIDE PA.	EMPLOYED IN OTHER FIELD IN PA.	EMPLOYED IN OTHER FIELD OUTSIDE PA.	EMPLOYED PART TIME	UNEMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY	POST-GRAD STATUS UNKNOWN
HEALTH PROFESSIONS												
1201 HEALTH PROFE.	#	27	8	0	1	0	1	0	0	0	0	17
	%		80.0	.0	10.0	.0	10.0	.0	.0	.0	.0	
1202 HOSPITAL AND	#	147	14	10	12	5	9	26	15	1	0	55
	%		15.2	10.9	13.0	5.4	9.8	28.3	16.3	1.1	.0	
1203 NURSING (BACCALAUREA	#	370	148	16	0	2	11	1	0	2	1	189
GHER)	%		81.8	8.8	.0	1.1	6.1	.6	.0	1.1	.6	
1208 OCCUPATIONAL THERAPY	#	40	18	3	0	0	1	0	0	0	0	18
	%		81.8	13.6	.0	.0	4.5	.0	.0	.0	.0	
1211 PHARMACY	#	88	10	1	0	0	1	1	1	0	0	74
	%		71.4	7.1	.0	.0	7.1	7.1	7.1	.0	.0	
1212 PHYSICAL THERAPY	#	91	24	8	0	0	1	0	0	0	0	58
	%		72.7	24.2	.0	.0	3.0	.0	.0	.0	.0	
1214 PUBLIC HEALTH	#	1	0	0	0	0	0	0	0	0	0	1
	%		.0	.0	.0	.0	.0	.0	.0	.0	.0	
1215 MEDICAL RECORD LIBRARIANSHIP	#	44	5	3	0	0	0	2	0	0	0	34
	%		50.0	30.0	.0	.0	.0	20.0	.0	.0	.0	
1223 MEDICAL LAB. TECHNOLOGIES	#	33	8	0	0	0	1	0	1	0	0	23
	%		80.0	.0	.0	.0	10.0	.0	10.0	.0	.0	
1299 OTHER	#	64	3	1	2	0	3	3	4	0	0	48
	%		18.8	6.3	12.5	.0	18.8	18.8	25.0	.0	.0	
*TOTAL HEALTH PROFESSIONS		905	238	42	15	7	28	33	21	3	1	517

TABLE 11.1 (continued)

DETAILED DEGREE FIELD EMPLOYMENT STATUS FOR BACCALAUREATE DEGREE RECIPIENTS FROM THE STATE-RELATED INSTITUTIONS IN PENNSYLVANIA, 1982

		TOTAL	EMPLOYED IN FIELD IN PA.	EMPLOYED IN PREPARED OUTSIDE PA.	EMPLOYED IN OTHER FIELD IN PA.	EMPLOYED IN OTHER FIELD OUTSIDE PA.	EMPLOYED PART TIME	UNEMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY	POST-GRAD STATUS UNKNOWN
HOME ECONOMICS												
1305 FAMILY RELATIONS AND CHILD DEVELOPMENT	#	217	51	8	18	8	15	24	20	0	2	71
	%		34.9	5.5	12.3	5.5	10.3	16.4	13.7	.0	1.4	
1306 FOODS AND NUTRITION	#	101	18	13	6	0	3	8	17	0	0	36
	%		27.7	20.0	9.2	.0	4.6	12.3	26.2	.0	.0	
1307 INSTITUTIONAL & CAFETERIA MANAGEMENT	#	135	33	43	5	0	2	6	0	0	0	46
	%		37.1	48.3	5.6	.0	2.2	6.7	.0	.0	.0	
*TOTAL HOME ECONOMICS		453	102	64	29	8	20	38	37	0	2	153
INTERDISCIPLINARY STUDIES												
4901 GENERAL LIBERAL ARTS AND SCIENCE	#	285	17	13	23	10	11	17	20	1	1	172
	%		15.0	11.5	20.4	8.8	9.7	15.0	17.7	.9	.9	
4902 BIOLOGICAL AND PHYSICAL SCIENCE	#	11	1	0	0	0	0	0	0	0	0	10
	%		100.0	.0	.0	.0	.0	.0	.0	.0	.0	
4903 HUMANITIES AND SOCIAL SCIENCE	#	7	0	0	0	0	0	0	0	0	0	7
	%		.0	.0	.0	.0	.0	.0	.0	.0	.0	
4999 OTHER	#	32	5	0	0	0	0	2	1	0	0	24
	%		62.5	.0	.0	.0	.0	25.0	12.5	.0	.0	
*TOTAL INTERDISCIPLINARY STUDIES		335	23	13	23	10	11	19	21	1	1	213
LAW												
1401 LAW, GENERAL	#	2	0	0	1	0	1	0	0	0	0	0
	%		.0	.0	50.0	.0	50.0	.0	.0	.0	.0	

TABLE 11.1 (continued)

DETAILED DEGREE FIELD EMPLOYMENT STATUS FOR BACCALAUREATE DEGREE RECIPIENTS FROM THE STATE-RELATED INSTITUTIONS IN PENNSYLVANIA, 1982

		TOTAL	EMPLOYED IN FIELD PREPARED IN PA.	EMPLOYED IN FIELD PREPARED OUTSIDE PA.	EMPLOYED OTHER FIELD IN PA.	EMPLOYED IN FIELD OUTSIDE PA.	EMPLOYED PART TIME	UNEMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY	POST-GRAD STATUS UNKNOWN
LAW												
1499 OTHER	#	9	0	1	1	0	1	1	1	0	0	4
	%		.0	20.0	20.0	.0	20.0	20.0	20.0	.0	.0	
*TOTAL LAW		11	0	1	2	0	2	1	1	0	0	4
LETTERS												
1501 ENGLISH GENERAL	#	164	13	3	17	7	8	17	13	1	4	81
	%		15.7	3.6	20.5	8.4	9.6	20.5	15.7	1.2	4.8	
1502 LITERATURE, ENGLISH	#	41	0	0	3	1	1	0	3	0	0	33
	%		.0	.0	37.5	12.5	12.5	.0	37.5	.0	.0	
1503 COMPARATIVE LITERATURE	#	1	0	0	0	1	0	0	0	0	0	0
	%		.0	.0	.0	100.0	.0	.0	.0	.0	.0	
1504 CLASSICS	#	7	0	0	0	0	1	0	2	0	0	4
	%		.0	.0	.0	.0	33.3	.0	66.7	.0	.0	
1505 LINGUISTICS	#	13	0	1	1	0	1	0	2	0	1	7
	%		.0	16.7	16.7	.0	16.7	.0	33.3	.0	16.7	
1506 SPEECH, DEBATE & FORENSIC SCIENCE	#	330	17	7	18	8	17	29	13	1	1	219
	%		15.3	6.3	16.2	7.2	15.3	26.1	11.7	.9	.9	
1507 CREATIVE WRITING	#	72	7	1	7	1	1	1	1	0	0	53
	%		36.8	5.3	36.8	5.3	5.3	5.3	5.3	.0	.0	
1509 PHILOSOPHY	#	28	1	0	1	1	0	2	3	0	0	20
	%		12.5	.0	12.5	12.5	.0	25.0	37.5	.0	.0	

TABLE 11.1 (continued)

DETAILED DEGREE FIELD EMPLOYMENT STATUS FOR BACCALAUREATE DEGREE RECIPIENTS FROM THE STATE-RELATED INSTITUTIONS IN PENNSYLVANIA, 1982

		TOTAL	EMPLOYED IN FIELD IN PA.	EMPLOYED IN PREPARED OUTSIDE PA.	EMPLOYED IN OTHER FIELD IN PA.	EMPLOYED IN OTHER FIELD OUTSIDE PA.	EMPLOYED PART TIME	UNEMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY	POST-GRAD STATUS UNKNOWN
LETTERS												
1510 RELIGIOUS STUDIES	#	6	0	0	1	0	2	2	1	0	0	0
	%		.0	.0	16.7	.0	33.3	33.3	16.7	.0	.0	
1599 OTHER	#	41	5	1	2	1	4	3	5	0	2	18
	%		21.7	4.3	8.7	4.3	17.4	13.0	21.7	.0	8.7	
*TOTAL LETTERS		703	43	13	50	20	35	54	43	2	8	435
MATHEMATICS												
1701 MATHEMATICS, GENERAL	#	85	6	10	3	3	2	9	8	3	0	41
	%		13.6	22.7	6.8	6.8	4.5	20.5	18.2	6.8	.0	
1702 STATISTICS, MATHEMATICAL AND THEORETICAL	#	2	0	0	0	0	0	0	0	0	1	1
	%		.0	.0	.0	.0	.0	.0	.0	.0	100.0	
1703 APPLIED MATHEMATICS	#	14	2	0	3	0	0	1	1	0	0	7
	%		28.6	.0	42.9	.0	.0	14.3	14.3	.0	.0	
*TOTAL MATHEMATICS		101	8	10	6	3	2	10	9	3	1	49
PHYSICAL SCIENCES												
1901 PHYSICAL SCIENCES, GENERAL	#	1	0	0	0	0	0	0	0	0	0	1
	%		.0	.0	.0	.0	.0	.0	.0	.0	.0	
1902 PHYSICS, GENERAL	#	32	2	3	0	0	0	1	5	0	0	21
	%		18.2	27.3	.0	.0	.0	9.1	45.5	.0	.0	

TABLE 11.1 (continued)

DETAILED DEGREE FIELD EMPLOYMENT STATUS FOR BACCALAUREATE DEGREE RECIPIENTS FROM THE STATE-RELATED INSTITUTIONS IN PENNSYLVANIA, 1982

		TOTAL	EMPLOYED IN FIELD PREPARED IN PA.	EMPLOYED IN FIELD PREPARED OUTSIDE PA.	EMPLOYED OTHER FIELD IN PA.	EMPLOYED OTHER FIELD OUTSIDE PA.	EMPLOYED PART TIME	UNEMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY	POST-GRAD STATUS UNKNOWN
PHYSICAL SCIENCES												
1905 CHEMISTRY, GENERAL	#	153	8	5	3	1	1	4	24	2	0	105
	%		16.7	10.4	6.3	2.1	2.1	8.3	50.0	4.2	.0	
1911 ASTRONOMY	#	5	0	0	0	0	0	2	1	0	0	2
	%		.0	.0	.0	.0	.0	66.7	33.3	.0	.0	
1913 ATMOSPHERIC SCIENCES AND METEOROLOGY	#	69	5	8	2	1	5	6	16	8	0	18
	%		9.8	15.7	3.9	2.0	9.8	11.8	31.4	15.7	.0	
1914 GEOLOGY	#	70	4	13	0	1	2	10	8	1	0	31
	%		10.3	33.3	.0	2.6	5.1	25.6	20.5	2.6	.0	
1917 EARTH SCIENCES, GENERAL	#	29	3	4	0	0	0	4	3	0	1	14
	%		20.0	26.7	.0	.0	.0	26.7	20.0	.0	6.7	
1920 METALLURGY	#	26	6	3	0	0	0	5	4	0	0	8
	%		33.3	16.7	.0	.0	.0	27.8	22.2	.0	.0	
1999 OTHER	#	160	7	9	6	4	2	14	45	8	0	65
	%		7.4	9.5	6.3	4.2	2.1	14.7	47.4	8.4	.0	
*TOTAL PHYSICAL SCIENCES		545	35	45	11	7	10	46	106	19	1	265
PSYCHOLOGY												
2001 PSYCHOLOGY, GENERAL	#	542	32	7	37	12	19	25	66	0	3	341
	%		15.9	3.5	18.4	6.0	9.5	12.4	32.8	.0	1.5	
*TOTAL PSYCHOLOGY		542	32	7	37	12	19	25	66	0	3	341

TABLE 11.1 (continued)

DETAILED DEGREE FIELD EMPLOYMENT STATUS FOR BACCALAUREATE DEGREE RECIPIENTS FROM THE STATE-RELATED INSTITUTIONS IN PENNSYLVANIA, 1982

		TOTAL	EMPLOYED IN FIELD IN PA.	EMPLOYED IN FIELD PREPARED OUTSIDE PA.	EMPLOYED IN OTHER FIELD IN PA.	EMPLOYED IN FIELD OUTSIDE PA.	EMPLOYED PART TIME	UNEMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY	POST-GRAD STATUS UNKNOWN
PUBLIC AFFAIRS AND SERVICES												
2101 COMMUNITY SERVICES, GENERAL	#	23	1	1	1	1	2	1	2	0	0	14
	%		11.1	11.1	11.1	11.1	22.2	11.1	22.2	.0	.0	
2102 PUBLIC ADMINISTRATION	#	25	1	0	2	0	1	0	1	0	0	20
	%		20.0	.0	40.0	.0	20.0	.0	20.0	.0	.0	
2103 PARKS AND RECREATION MANAGEMENT	#	125	23	10	8	2	14	14	5	0	0	49
	%		30.3	13.2	10.5	2.6	18.4	18.4	6.6	.0	.0	
2104 SOCIAL WORK AND HELP SERVICES	#	245	34	1	11	3	8	20	26	1	1	140
	%		32.4	1.0	10.5	2.9	7.6	19.0	24.8	1.0	1.0	
2105 LAW ENFORCEMENT & CORRECTIONS	#	421	67	8	36	9	19	32	27	6	3	214
	%		32.4	3.9	17.4	4.3	9.2	15.5	13.0	2.9	1.4	
2106 INTERNATIONAL PUBLIC SERVICE	#	36	0	3	1	3	1	4	10	1	0	13
	%		.0	13.0	4.3	13.0	4.3	17.4	43.5	4.3	.0	
2199 OTHER	#	56	6	1	7	4	3	9	5	0	2	19
	%		16.2	2.7	18.9	10.8	8.1	24.3	13.5	.0	5.4	
*TOTAL PUBLIC AFFAIRS AND SERVICES		931	132	24	66	22	48	80	76	8	6	469
SOCIAL SCIENCES												
2201 SOCIAL SCIENCES, GENERAL	#	92	15	2	9	1	7	9	9	3	1	36
	%		26.8	3.6	16.1	1.8	12.5	16.1	16.1	5.4	1.8	
2202 ANTHROPOLOGY	#	50	0	1	7	1	1	5	7	0	0	28
	%		.0	4.5	31.8	4.5	4.5	22.7	31.8	.0	.0	

TABLE 11.1 (continued)

DETAILED DEGREE FIELD EMPLOYMENT STATUS FOR BACCALAUREATE DEGREE RECIPIENTS FROM THE STATE-RELATED INSTITUTIONS IN PENNSYLVANIA, 1982*

		TOTAL	EMPLOYED IN FIELD IN PA.	EMPLOYED IN FIELD PREPARED OUTSIDE PA.	EMPLOYED OTHER IN PA.	EMPLOYED IN FIELD OUTSIDE PA.	EMPLOYED PART TIME	UNEMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY	POST-GRAD STATUS UNKNOWN
SOCIAL SCIENCES												
2204 ECONOMICS	#	245	15	4	17	6	4	12	16	1	2	166
	%		19.0	7.6	21.5	7.6	5.1	15.2	20.3	1.3	2.5	
2205 HISTORY	#	131	3	2	14	4	4	8	15	2	2	77
	%		5.6	3.7	25.9	7.4	7.4	14.8	27.8	3.7	3.7	
2206 GEOGRAPHY	#	56	0	5	2	1	1	8	2	3	1	33
	%		.0	21.7	8.7	4.3	4.3	34.8	8.7	13.0	4.3	
2207 POLITICAL SCIENCE AND GOVERNMENT	#	254	8	2	19	4	9	9	43	2	2	156
	%		8.2	2.0	13.4	4.1	9.2	9.2	43.9	2.0	2.0	
2208 SOCIOLOGY	#	61	3	1	7	2	2	4	5	0	0	37
	%		12.5	4.2	29.2	8.3	8.3	16.7	20.8	.0	.0	
2211 AFRO-AMERICAN BLACK CULTURAL STUDIES	#	4	0	0	0	0	0	1	0	0	0	3
	%		.0	.0	.0	.0	.0	100.0	.0	.0	.0	
2214 URBAN STUDIES	#	28	0	0	0	1	0	2	0	0	0	25
	%		.0	.0	.0	33.3	.0	66.7	.0	.0	.0	
2299 OTHER	#	48	4	0	1	0	3	2	17	1	0	20
	%		14.3	.0	3.6	.0	10.7	7.1	60.7	3.6	.0	
*TOTAL SOCIAL SCIENCES		969	48	19	76	20	31	60	114	12	8	581
TOTAL		13137	1937	1210	664	233	443	1056	941	141	51	6461

* PERCENTAGES MAY NOT ADD TO 100 DUE TO ROUNDING ERROR

TABLE 11.2

DETAILED DEGREE FIELD EMPLOYMENT STATUS FOR BACCALAUREATE DEGREE RECIPIENTS FROM THE STATE-AIDED INSTITUTIONS IN PENNSYLVANIA, 1982*

		TOTAL	EMPLOYED IN FIELD PREPARED IN PA.	EMPLOYED IN FIELD PREPARED OUTSIDE PA.	EMPLOYED OTHER IN PA.	EMPLOYED IN FIELD OUTSIDE PA.	EMPLOYED PART TIME	UNEMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY	POST-GRAD STATUS UNKNOWN
AGRICULTURE AND NATURAL RESOURCES												
0102 AGRONOMY	#	28	6	7	1	1	1	4	4	4	0	0
	%		21.4	25.0	3.6	3.6	3.6	14.3	14.3	14.3	.0	
0104 ANIMAL SCIENCE	#	47	14	16	2	3	7	3	2	0	0	0
	%		29.8	34.0	4.3	6.4	14.9	6.4	4.3	.0	.0	
0105 DAIRY SCIENCE	#	22	10	7	0	0	1	3	1	0	0	0
	%		45.5	31.8	.0	.0	4.5	13.6	4.5	.0	.0	
0108 HORTICULTURE	#	17	5	3	3	0	2	2	2	0	0	0
	%		29.4	17.6	17.6	.0	11.8	11.8	11.8	.0	.0	
0109 ORNAMENTAL HORTICULTURE	#	93	39	34	1	3	8	2	4	0	1	1
	%		42.4	37.0	1.1	3.3	8.7	2.2	4.3	.0	1.1	
0113 FOOD SCIENCE AND TECHNOLOGY	#	19	7	6	3	0	2	1	0	0	0	0
	%		36.8	31.6	15.8	.0	10.5	5.3	.0	.0	.0	
*TOTAL AGRICULTURE AND NATURAL RESOURCES		226	81	73	10	7	21	15	13	4	1	1
BIOLOGICAL SCIENCES												
0401 BIOLOGICAL, GENERAL	#	25	8	6	5	2	2	0	2	0	0	0
	%		32.0	24.0	20.0	8.0	8.0	.0	8.0	.0	.0	
*TOTAL BIOLOGICAL SCIENCES		25	8	6	5	2	2	0	2	0	0	0
BUSINESS AND MANAGEMENT												
0506 BUSINESS MANAGEMANT AND ADMINISTRATION	#	55	35	8	2	2	1	5	0	1	0	1
	%		64.8	14.8	3.7	3.7	1.9	9.3	.0	1.9	.0	

TABLE 11.2 (continued)

DETAILED DEGREE FIELD EMPLOYMENT STATUS FOR BACCALAUREATE DEGREE RECIPIENTS FROM THE STATE-AIDED INSTITUTIONS IN PENNSYLVANIA, 1982*

		TOTAL	EMPLOYED IN FIELD PREPARED IN PA.	EMPLOYED IN FIELD PREPARED OUTSIDE PA.	EMPLOYED OTHER IN PA.	EMPLOYED IN FIELD OUTSIDE PA.	EMPLOYED PART TIME	UNEMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY	POST-GRAD STATUS UNKNOWN
*TOTAL BUSINESS AND MANAGEMENT		55	35	8	2	2	1	5	0	1	0	1
HEALTH PROFESSIONS												
1203 NURSING (BACCALAUREATE AND HIGHER)	#	139	53	2	1	0	0	0	2	0	0	81
	%		91.4	3.4	1.7	.0	.0	.0	3.4	.0	.0	
1213 DENTAL HYGIENE (BACCALAUREATE & HIGHER)	#	29	18	10	0	0	0	0	1	0	0	0
	%		62.1	34.5	.0	.0	.0	.0	3.4	.0	.0	
1223 MEDICAL LAB. TECHNOLOGIES	#	51	39	7	1	0	0	0	4	0	0	0
	%		76.5	13.7	2.0	.0	.0	.0	7.8	.0	.0	
1225 RADIOLOGIC TECHNOLOGIES	#	12	9	0	0	0	1	1	0	0	1	0
	%		75.0	.0	.0	.0	8.3	8.3	.0	.0	8.3	
1299 OTHER	#	61	37	13	2	0	1	0	4	0	2	2
	%		62.7	22.0	3.4	.0	1.7	.0	6.3	.0	3.4	
*TOTAL HEALTH PROFESSIONS		292	156	32	4	0	2	1	11	0	3	83
PHYSICAL SCIENCES												
1905 CHEMISTRY, GENERAL	#	5	1	0	1	0	1	2	0	0	0	0
	%		20.0	.0	20.0	.0	20.0	40.0	.0	.0	.0	
*TOTAL PHYSICAL SCIENCES		5	1	0	1	0	1	2	0	0	0	0
TOTAL		603	281	119	22	11	27	23	26	5	4	85

* PERCENTAGES MAY NOT ADD TO 100 DUE TO ROUNDING ERROR

TABLE 11.3

DETAILED DEGREE FIELD EMPLOYMENT STATUS FOR BACCALAUREATE DEGREE RECIPIENTS FROM THE PRIVATE INSTITUTIONS IN PENNSYLVANIA, 1982*

		TOTAL	EMPLOYED IN FIELD PREPARED IN PA.	EMPLOYED IN FIELD PREPARED OUTSIDE PA.	EMPLOYED OTHER IN FIELD IN PA.	EMPLOYED OTHER IN FIELD OUTSIDE PA.	EMPLOYED PART TIME	UNEMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY	POST-GRAD STATUS UNKNOWN
AGRICULTURE AND NATURAL RESOURCES												
0114 FORESTRY	#	7	4	0	0	0	0	0	3	0	0	0
	%		57.1	.0	.0	.0	.0	.0	42.9	.0	.0	
0115 NATURAL RESOURCES MANAGEMENT	#	1	0	0	0	0	0	0	1	0	0	0
	%		.0	.0	.0	.0	.0	.0	100.0	.0	.0	
*TOTAL AGRICULTURE AND NATURAL RESOURCES		8	4	0	0	0	0	0	4	0	0	0
ARCHITECTURE AND ENVIRONMENTAL DESIGN												
0202 ARCHITECTURE	#	37	10	3	0	0	0	3	0	0	1	20
	%		58.8	17.6	.0	.0	.0	17.6	.0	.0	5.9	
0203 INTERIOR DESIGN	#	8	7	1	0	0	0	0	0	0	0	0
	%		87.5	12.5	.0	.0	.0	.0	.0	.0	.0	
0206 CITY, COMMUNITY AND REGIONAL PLANNING	#	3	1	1	0	1	0	0	0	0	0	0
	%		33.3	33.3	.0	33.3	.0	.0	.0	.0	.0	
*TOTAL ARCHITECTURE AND ENVIRONMENTAL DESIGN		48	18	5	0	1	0	3	0	0	1	20
AREA STUDIES												
0307 RUSSIAN AND SLAVIC STUDIES	#	1	0	0	0	1	0	0	0	0	0	0
	%		.0	.0	.0	100.0	.0	.0	.0	.0	.0	
0309 MIDDLE EASTERN STUDIES	#	3	0	0	0	0	0	0	0	0	0	3
	%		.0	.0	.0	.0	.0	.0	.0	.0	.0	

TABLE 11.3 (continued)

DETAILED DEGREE FIELD EMPLOYMENT STATUS FOR BACCALAUREATE DEGREE RECIPIENTS FROM THE PRIVATE INSTITUTIONS IN PENNSYLVANIA, 1982

		TOTAL	EMPLOYED IN FIELD IN PA.	EMPLOYED IN PREPARED OUTSIDE PA.	EMPLOYED OTHER IN PA.	EMPLOYED IN FIELD OUTSIDE PA.	EMPLOYED PART TIME	UNEMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY	POST-GRAD STATUS UNKNOWN
AREA STUDIES												
0313 AMERICAN STUDIES	#	15	1	0	0	4	1	3	1	0	0	5
	%		10.0	.0	.0	40.0	10.0	30.0	10.0	.0	.0	
0399 OTHER	#	2	0	0	0	0	0	1	1	0	0	0
	%		.0	.0	.0	.0	.0	50.0	50.0	.0	.0	
*TOTAL AREA STUDIES		21	1	0	0	5	1	4	2	0	0	8
BIOLOGICAL SCIENCES												
0401 BIOLOGICAL, GENERAL	#	1017	91	53	42	30	35	61	509	4	15	177
	%		10.8	6.3	5.0	3.6	4.2	7.3	60.6	.5	1.8	
0409 PHARMACOLOGY, HUMAN	#	1	1	0	0	0	0	0	0	0	0	0
	%		100.0	.0	.0	.0	.0	.0	.0	.0	.0	
0411 MICROBIOLOGY	#	1	1	0	0	0	0	0	0	0	0	0
	%		100.0	.0	.0	.0	.0	.0	.0	.0	.0	
0413 HISTOLOGY	#	1	0	0	0	0	0	0	1	0	0	0
	%		.0	.0	.0	.0	.0	.0	100.0	.0	.0	
0414 BIOCHEMISTRY	#	49	6	0	1	1	1	3	31	0	0	6
	%		14.0	.0	2.3	2.3	2.3	7.0	72.1	.0	.0	
0417 CELL BIOLOGY (CYTOLOGY, CELL PHYSIOLOGY)	#	5	1	0	0	0	0	0	2	0	1	1
	%		25.0	.0	.0	.0	.0	.0	50.0	.0	25.0	
0418 MARINE BIOLOGY	#	4	0	2	1	0	0	0	1	0	0	0
	%		.0	50.0	25.0	.0	.0	.0	25.0	.0	.0	

TABLE 11.3 (continued)

DETAILED DEGREE FIELD EMPLOYMENT STATUS FOR BACCALAUREATE DEGREE RECIPIENTS FROM THE PRIVATE INSTITUTIONS IN PENNSYLVANIA, 1982

		TOTAL	EMPLOYED IN FIELD PREPARED IN PA.	EMPLOYED IN FIELD PREPARED OUTSIDE PA.	EMPLOYED IN OTHER FIELD IN PA.	EMPLOYED IN OTHER FIELD OUTSIDE PA.	EMPLOYED PART TIME	UNEMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY	POST-GRAD STATUS UNKNOWN
BIOLOGICAL SCIENCES												
0420 ECOLOGY	#	6	0	4	0	0	0	0	2	0	0	0
	%		.0	66.7	.0	.0	.0	.0	33.3	.0	.0	
0426 TOXICOLOGY	#	6	0	0	0	0	0	0	1	0	0	5
	%		.0	.0	.0	.0	.0	.0	100.0	.0	.0	
0499 OTHER	#	61	2	4	2	0	1	7	36	0	1	8
	%		3.8	7.5	3.8	.0	1.9	13.2	67.9	.0	1.9	
*TOTAL BIOLOGICAL SCIENCES		1151	102	63	46	31	37	71	583	4	17	197
BUSINESS AND MANAGEMENT												
0501 BUSINESS AND COMMERCE, GENERAL	#	531	142	115	32	45	26	17	70	2	1	81
	%		31.6	25.6	7.1	10.0	5.8	3.8	15.6	.4	.2	
0502 ACCOUNTING	#	1151	392	175	61	15	48	227	44	8	6	175
	%		40.2	17.9	6.3	1.5	4.9	23.3	4.5	.8	.6	
0503 BUSINESS STATISTICS	#	2	1	0	1	0	0	0	0	0	0	0
	%		50.0	.0	50.0	.0	.0	.0	.0	.0	.0	
0504 BANKING AND FINANCE	#	119	41	14	5	2	12	21	14	2	0	8
	%		36.9	12.6	4.5	1.8	10.8	18.9	12.6	1.8	.0	
0505 INVESTMENT AND SECURITIES	#	60	30	8	2	0	2	9	1	0	0	8
	%		57.7	15.4	3.8	.0	3.8	17.3	1.9	.0	.0	
0506 BUSINESS MANAGEMENT AND ADMINISTRATION	#	1208	347	180	70	26	27	189	56	10	17	286
	%		37.6	19.5	7.6	2.8	2.9	20.5	6.1	1.1	1.8	

TABLE 11.3 (continued)

DETAILED DEGREE FIELD EMPLOYMENT STATUS FOR BACCALAUREATE DEGREE RECIPIENTS FROM THE PRIVATE INSTITUTIONS IN PENNSYLVANIA, 1982

		TOTAL	EMPLOYED IN FIELD IN PA.	EMPLOYED IN FIELD PREPARED OUTSIDE PA.	EMPLOYED IN OTHER FIELD IN PA.	EMPLOYED IN FIELD OUTSIDE PA.	EMPLOYED PART TIME	UNEMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY	POST-GRAD STATUS UNKNOWN
BUSINESS AND MANAGEMENT												
0507 OPERATIONS RESEARCH	#	2	0	0	2	0	0	0	0	0	0	0
	%		.0	.0	100.0	.0	.0	.0	.0	.0	.0	
0509 MARKETING AND PURCHASING	#	300	80	33	16	2	14	108	16	3	0	28
	%		29.4	12.1	5.9	.7	5.1	39.7	5.9	1.1	.0	
0510 TRANSPORTATION AND PUBLIC UTILITIES	#	2	2	0	0	0	0	0	0	0	0	0
	%		100.0	.0	.0	.0	.0	.0	.0	.0	.0	
0512 INSURANCE	#	4	4	0	0	0	0	0	0	0	0	0
	%		100.0	.0	.0	.0	.0	.0	.0	.0	.0	
0513 INTERNATIONAL BUSINESS	#	1	0	1	0	0	0	0	0	0	0	0
	%		.0	100.0	.0	.0	.0	.0	.0	.0	.0	
0515 PERSONNEL MANAGEMANT	#	2	2	0	0	0	0	0	0	0	0	0
	%		100.0	.0	.0	.0	.0	.0	.0	.0	.0	
0516 LABOR AND INDUSTRIAL RELATIONS	#	33	6	6	4	2	3	10	2	0	0	0
	%		18.2	18.2	12.1	6.1	9.1	30.3	6.1	.0	.0	
0517 BUSINESS ECONOMICS	#	184	19	42	3	16	4	15	24	0	2	59
	%		15.2	33.6	2.4	12.8	3.2	12.0	19.2	.0	1.6	
0599 OTHER	#	12	2	0	0	0	0	1	2	0	0	7
	%		40.0	.0	.0	.0	.0	20.0	40.0	.0	.0	
*TOTAL BUSINESS AND MANAGEMENT		3611	1068	574	196	108	136	597	229	25	26	652
COMMUNICATIONS												
0601 COMMUNICATIONS, GENERAL	#	233	36	22	24	20	34	39	16	2	1	39
	%		18.6	11.3	12.4	10.3	17.5	20.1	8.2	1.0	.5	

TABLE 11.3 (continued)

DETAILED DEGREE FIELD EMPLOYMENT STATUS FOR BACCALAUREATE DEGREE RECIPIENTS FROM THE PRIVATE INSTITUTIONS IN PENNSYLVANIA, 1982

		TOTAL	EMPLOYED IN FIELD IN PA.	EMPLOYED IN PREPARED OUTSIDE PA.	EMPLOYED IN OTHER FIELD IN PA.	EMPLOYED IN OTHER FIELD OUTSIDE PA.	EMPLOYED PART TIME	UNEMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY	POST-GRAD STATUS UNKNOWN
COMMUNICATIONS												
0602 JOURNALISM	#	77	18	25	19	12	0	0	1	0	2	0
	%		23.4	32.5	24.7	15.6	.0	.0	1.3	.0	2.6	
0603 RADIO/TELEVISION	#	32	10	2	2	2	4	2	3	1	0	6
	%		38.5	7.7	7.7	7.7	15.4	7.7	11.5	3.8	.0	
0604 ADVERTISING	#	29	15	3	2	0	0	9	0	0	0	0
	%		51.7	10.3	6.9	.0	.0	31.0	.0	.0	.0	
0605 COMMUNICATION MEDIA	#	11	0	0	4	0	0	7	0	0	0	0
	%		.0	.0	36.4	.0	.0	63.6	.0	.0	.0	
0699 OTHER	#	19	0	2	0	0	3	3	2	0	0	9
	%		.0	20.0	.0	.0	30.0	30.0	20.0	.0	.0	
*TOTAL COMMUNICATIONS		401	79	54	51	34	41	60	22	3	3	54
COMPUTER AND INFORMATION SCIENCES												
0701 COMPUTER & INFORMATION SCIENCES, GENERAL	#	194	67	54	2	6	5	22	19	0	0	19
	%		38.3	30.9	1.1	3.4	2.9	12.6	10.9	.0	.0	
0702 INFORMATION SCIENCES AND SYSTEMS	#	33	7	9	3	1	1	4	1	1	0	4
	%		24.1	31.0	10.3	3.4	3.4	20.7	3.4	3.4	.0	
0704 COMPUTER PROGRAMMING	#	39	12	0	2	0	0	25	0	0	0	0
	%		30.8	.0	5.1	.0	.0	64.1	.0	.0	.0	
0705 SYSTEMS ANALYSIS	#	37	11	0	1	0	0	24	0	1	0	0
	%		29.7	.0	2.7	.0	.0	64.9	.0	2.7	.0	
*TOTAL COMPUTER AND INFORMATION SCIENCES		303	97	63	8	7	6	77	20	2	0	23

TABLE 11.3 (continued)

DETAILED DEGREE FIELD EMPLOYMENT STATUS FOR BACCALAUREATE DEGREE RECIPIENTS FROM THE PRIVATE INSTITUTIONS IN PENNSYLVANIA, 1982

		TOTAL	EMPLOYED IN FIELD IN PA.	EMPLOYED IN PREPARED OUTSIDE PA.	EMPLOYED OTHER IN PA.	EMPLOYED IN FIELD OUTSIDE PA.	EMPLOYED PART TIME	UNEMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY	POST-GRAD STATUS UNKNOWN
ENGINEERING												
0901 ENGINEERING, GENERAL	#	122	32	44	0	0	0	3	4	4	0	35
	%		36.8	50.6	.0	.0	.0	3.4	4.6	4.6	.0	
0903 AGRICULTRAL ENGINEERING	#	1	0	0	0	0	0	0	1	0	0	0
	%		.0	.0	.0	.0	.0	.0	100.0	.0	.0	
0905 BIOENGINEERING & BIOMEDICAL ENGINEERING	#	2	0	0	0	0	0	0	2	0	0	0
	%		.0	.0	.0	.0	.0	.0	100.0	.0	.0	
0906 CHEMICAL ENGINEERING	#	146	11	66	1	0	1	20	17	1	0	29
	%		9.4	56.4	.9	.0	.9	17.1	14.5	.9	.0	
0908 CIVIL, CONSTRUCTION & TRANSPORT. ENGINEE	#	110	17	39	0	1	0	8	15	3	1	26
	%		20.2	46.4	.0	1.2	.0	9.5	17.9	3.6	1.2	
0909 ELECTRICAL, ELECTRONICS & COMMUNICATIONS	#	241	48	115	0	0	0	8	31	2	2	35
	%		23.3	55.8	.0	.0	.0	3.9	15.0	1.0	1.0	
0910 MECHANICAL ENGINEERING	#	180	43	83	1	1	0	16	14	4	1	17
	%		26.4	50.9	.6	.6	.0	9.8	8.6	2.5	.6	
0913 INDUSTRIAL AND MANAGEMENT ENGINEERING	#	27	10	4	0	0	0	4	1	1	0	7
	%		50.0	20.0	.0	.0	.0	20.0	5.0	5.0	.0	
0914 METALLURGICAL ENGINEERING	#	46	14	16	0	0	0	4	7	1	1	3
	%		32.6	37.2	.0	.0	.0	9.3	16.3	2.3	2.3	
0915 MATERIALS ENGINEERING	#	9	2	1	0	0	0	0	0	0	0	6
	%		66.7	33.3	.0	.0	.0	.0	.0	.0	.0	
0919 ENGINEERING PHYSICS	#	1	0	0	0	0	0	0	0	0	0	1
	%		.0	.0	.0	.0	.0	.0	.0	.0	.0	

TABLE 11.3 (continued)

DETAILED DEGREE FIELD EMPLOYMENT STATUS FOR BACCALAUREATE DEGREE RECIPIENTS FROM THE PRIVATE INSTITUTIONS IN PENNSYLVANIA, 1982

		TOTAL	EMPLOYED IN FIELD IN PA.	EMPLOYED IN PREPARED OUTSIDE PA.	EMPLOYED OTHER IN PA.	EMPLOYED IN FIELD OUTSIDE PA.	EMPLOYED PART TIME	UNEMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY	POST-GRAD STATUS UNKNOWN
ENGINEERING												
0925 ENGINEERING TECHNOLOGY	#	23	3	8	2	0	0	5	2	0	0	5
	%		16.7	44.4	.0	.0	.0	27.8	11.1	.0	.0	
*TOTAL ENGINEERING		908	180	376	4	2	1	68	94	16	5	164
FINE AND APPLIED ARTS												
1001 FINE ARTS, GENERAL	#	102	13	9	12	8	2	8	7	2	8	33
	%		18.8	13.0	17.4	11.6	2.9	11.6	10.1	2.9	11.6	
1002 ART(PAINTING, DRAWING, SCULPTURE)	#	107	14	7	7	1	3	11	14	0	1	49
	%		24.1	12.1	12.1	1.7	5.2	19.0	24.1	.0	1.7	
1003 ART HISTORY AND APPRECIATION	#	22	3	0	1	5	2	1	4	0	1	5
	%		17.6	.0	5.9	29.4	11.8	5.9	23.5	.0	5.9	
1004 MUSIC (PERFORMING COMPOSITION, THEORY)	#	73	13	11	10	6	2	2	10	0	0	19
	%		24.1	20.4	18.5	11.1	3.7	3.7	18.5	.0	.0	
1005 MUSIC (LIBERAL ARTS PROGRAM)	#	47	12	4	4	2	5	4	9	1	0	6
	%		29.3	9.8	9.8	4.9	12.2	9.8	22.0	2.4	.0	
1007 DRAMATIC ARTS	#	49	2	20	7	4	3	6	2	0	0	5
	%		4.5	45.5	15.9	9.1	6.8	13.6	4.5	.0	.0	
1009 APPLIED DESIGN	#	99	30	18	1	1	8	20	5	0	4	12
	%		34.5	20.7	1.1	1.1	9.2	23.0	5.7	.0	4.6	
1011 PHOTOGRAPHY	#	5	1	0	0	0	3	0	1	0	0	0
	%		20.0	.0	.0	.0	60.0	.0	20.0	.0	.0	

TABLE 11.3 (continued)

DETAILED DEGREE FIELD EMPLOYMENT STATUS FOR BACCALAUREATE DEGREE RECIPIENTS FROM THE PRIVATE INSTITUTIONS IN PENNSYLVANIA, 1982

		TOTAL	EMPLOYED IN FIELD PREPARED IN PA.	EMPLOYED IN FIELD PREPARED OUTSIDE PA.	EMPLOYED IN OTHER FIELD IN PA.	EMPLOYED IN OTHER FIELD OUTSIDE PA.	EMPLOYED PART TIME	UNEMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY	POST-GRAD STATUS UNKNOWN
FINE AND APPLIED ARTS												
1099 OTHER	#	17	2	0	2	0	2	0	6	0	0	5
	%		16.7	.0	16.7	.0	16.7	.0	50.0	.0	.0	
*TOTAL FINE AND APPLIED ARTS		521	90	69	44	27	30	52	58	3	14	134
FOREIGN LANGUAGES												
1101 FOREIGN LANGUAGES, GENERAL	#	12	2	3	1	0	0	0	4	0	0	2
	%		20.0	30.0	10.0	.0	.0	.0	40.0	.0	.0	
1102 FRENCH	#	63	3	9	6	4	5	12	6	2	5	11
	%		5.8	17.3	11.5	7.7	9.6	23.1	11.5	3.8	9.6	
1103 GERMAN	#	28	3	4	2	2	1	2	7	1	2	4
	%		12.5	16.7	8.3	8.3	4.2	8.3	29.2	4.2	8.3	
1104 ITALIAN	#	3	0	0	0	1	0	1	0	0	0	1
	%		.0	.0	.0	50.0	.0	50.0	.0	.0	.0	
1105 SPANISH	#	69	5	9	4	9	3	10	16	1	1	11
	%		8.6	15.5	6.9	15.5	5.2	17.2	27.6	1.7	1.7	
1106 RUSSIAN	#	4	0	0	1	0	0	1	2	0	0	0
	%		.0	.0	25.0	.0	.0	25.0	50.0	.0	.0	
1109 LATIN	#	2	0	0	0	0	0	0	2	0	0	0
	%		.0	.0	.0	.0	.0	.0	100.0	.0	.0	
1110 GREEK, CLASSICAL	#	3	0	0	0	0	0	1	1	0	0	1
	%		.0	.0	.0	.0	.0	50.0	50.0	.0	.0	
*TOTAL FOREIGN LANGUAGES		184	13	25	14	16	9	27	38	4	8	30

TABLE 11.3 (continued)

DETAILED DEGREE FIELD EMPLOYMENT STATUS FOR BACCALAUREATE DEGREE RECIPIENTS FROM THE PRIVATE INSTITUTIONS IN PENNSYLVANIA, 1982

		TOTAL	EMPLOYED IN FIELD IN PA.	EMPLOYED IN PREPARED OUTSIDE PA.	EMPLOYED IN OTHER FIELD IN PA.	EMPLOYED IN OTHER FIELD OUTSIDE PA.	EMPLOYED PART TIME	UNEMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY	POST-GRAD STATUS UNKNOWN
HEALTH PROFESSIONS												
1201 HEALTH PROFESSIONS, GENERAL	#	34	5	1	0	0	1	0	27	0	0	0
	%		14.7	2.9	.0	.0	2.9	.0	79.4	.0	.0	
1202 HOSPITAL AND HEALTH CARE	#	16	14	0	0	0	0	0	2	0	0	0
	%		87.5	.0	.0	.0	.0	.0	12.5	.0	.0	
1203 NURSING (BACCALAUREATE AND HIGHER)	#	1003	681	138	2	4	9	3	23	9	5	129
	%		77.9	15.8	.2	.5	1.0	.3	2.6	1.0	.6	
1208 OCCUPATIONAL THERAPY	#	33	22	7	1	0	1	0	0	1	0	1
	%		68.8	21.9	3.1	.0	3.1	.0	.0	3.1	.0	
1211 PHARMACY	#	302	93	78	0	5	1	0	34	0	0	91
	%		44.1	37.0	.0	2.4	.5	.0	16.1	.0	.0	
1212 PHYSICAL THERAPY	#	1	0	0	0	0	0	0	1	0	0	0
	%		.0	.0	.0	.0	.0	.0	100.0	.0	.0	
1213 DENTAL HYGIENE (BACCALAUREATE & HIGHER)	#	3	0	0	0	0	0	0	3	0	0	0
	%		.0	.0	.0	.0	.0	.0	100.0	.0	.0	
1214 PUBLIC HEALTH	#	20	0	0	0	0	0	0	20	0	0	0
	%		.0	.0	.0	.0	.0	.0	100.0	.0	.0	
1215 MEDICAL RECORD LIBRARIANSHIP	#	22	8	2	1	0	1	6	0	0	0	4
	%		44.4	11.1	5.6	.0	5.6	33.3	.0	.0	.0	
1220 SPEECH PATHOLOGY AND AUDIOLOGY	#	32	8	4	1	0	1	2	15	0	1	0
	%		25.0	12.5	3.1	.0	3.1	6.3	46.9	.0	3.1	
1223 MEDICAL LAB. TECHNOLOGIES	#	74	46	12	0	0	1	1	4	0	0	10
	%		71.9	18.8	.0	.0	1.6	1.6	6.3	.0	.0	

TABLE 11.3 (continued)

DETAILED DEGREE FIELD EMPLOYMENT STATUS FOR BACCALAUREATE DEGREE RECIPIENTS FROM THE PRIVATE INSTITUTIONS IN PENNSYLVANIA, 1982

		TOTAL	EMPLOYED IN FIELD IN PA.	EMPLOYED IN FIELD PREPARED OUTSIDE PA.	EMPLOYED IN OTHER FIELD IN PA.	EMPLOYED IN FIELD OUTSIDE PA.	EMPLOYED PART TIME	UNEMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY	POST-GRAD STATUS UNKNOWN
HEALTH PROFESSIONS												
1225 RADIOLOGIC TECHNOLOGIES	#	5	0	4	0	0	1	0	0	0	0	0
	%		.0	80.0	.0	.0	20.0	.0	.0	.0	.0	
1299 OTHER	#	37	10	7	1	3	1	4	6	0	0	5
	%		31.3	21.9	3.1	9.4	3.1	12.5	18.8	.0	.0	
*TOTAL HEALTH PROFESSIONS		1582	887	253	6	12	17	16	135	10	6	240
HOME ECONOMICS												
1301 HOME ECONOMICS, GENERAL	#	42	15	4	4	0	5	3	2	0	2	7
	%		42.9	11.4	11.4	.0	14.3	8.6	5.7	.0	5.7	
1303 CLOTHING AND TEXTILES	#	10	5	4	1	0	0	0	0	0	0	0
	%		50.0	40.0	10.0	.0	.0	.0	.0	.0	.0	
1304 CONSUMER ECONOMICS & HOME MANAGEMENT	#	24	4	3	0	0	2	4	0	0	0	11
	%		30.8	23.1	.0	.0	15.4	30.8	.0	.0	.0	
1305 FAMILY RELATIONS AND CHILD DEVELOPMENT	#	2	1	0	1	0	0	0	0	0	0	0
	%		50.0	.0	50.0	.0	.0	.0	.0	.0	.0	
1306 FOODS AND NUTRITION	#	71	35	15	0	0	1	2	8	0	0	10
	%		57.4	24.6	.0	.0	1.6	3.3	13.1	.0	.0	
*TOTAL HOME ECONOMICS		149	60	26	6	0	8	9	10	0	2	28
INTERDISCIPLINARY STUDIES												
4901 GENERAL LIBERAL ARTS AND SCIENCE	#	99	10	7	9	0	3	17	29	0	6	18
	%		12.3	8.6	11.1	.0	3.7	21.0	35.8	.0	7.4	

TABLE 11.3 (continued)

DETAILED DEGREE FIELD EMPLOYMENT STATUS FOR BACCALAUREATE DEGREE RECIPIENTS FROM THE PRIVATE INSTITUTIONS IN PENNSYLVANIA, 1982

		TOTAL	EMPLOYED IN FIELD IN PA.	EMPLOYED IN PREPARED OUTSIDE PA.	EMPLOYED IN OTHER FIELD IN PA.	EMPLOYED IN OUTSIDE PA.	EMPLOYED PART TIME	UNEMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY	POST-GRAD STATUS UNKNOWN
INTERDISCIPLINARY STUDIES												
4902 BIOLOGICAL AND PHYSICAL SCIENCE	#	5	1	0	0	1	0	0	1	0	1	1
	%		25.0	.0	.0	25.0	.0	.0	25.0	.0	25.0	
4903 HUMANITIES AND SOCIAL SCIENCE	#	3	1	0	0	0	0	0	1	0	0	1
	%		50.0	.0	.0	.0	.0	.0	50.0	.0	.0	
4904 ENGINEERING AND OTHER DISCIPLINES	#	3	0	0	0	0	0	1	2	0	0	0
	%		.0	.0	.0	.0	.0	33.3	66.7	.0	.0	
4999 OTHER	#	17	1	1	0	2	0	3	3	0	0	7
	%		10.0	10.0	.0	20.0	.0	30.0	30.0	.0	.0	
*TOTAL INTERDISCIPLINARY STUDIES		127	13	8	9	3	3	21	36	0	7	27
LAW												
1403 PRE- LAW	#	5	0	0	0	0	0	0	5	0	0	0
	%		.0	.0	.0	.0	.0	.0	100.0	.0	.0	
1499 OTHER	#	5	0	0	0	0	0	1	1	0	0	3
	%		.0	.0	.0	.0	.0	50.0	50.0	.0	.0	
*TOTAL LAW		10	0	0	0	0	0	1	6	0	0	3
LETTERS												
1501 ENGLISH GENERAL	#	450	62	41	41	24	28	58	84	1	10	101
	%		17.8	11.7	11.7	6.9	8.0	16.6	24.1	.3	2.9	

TABLE 11.3 (continued)

DETAILED DEGREE FIELD EMPLOYMENT STATUS FOR BACCALAUREATE DEGREE RECIPIENTS FROM THE PRIVATE INSTITUTIONS IN PENNSYLVANIA, 1982

		TOTAL	EMPLOYED IN FIELD IN PA.	EMPLOYED IN FIELD PREPARED OUTSIDE PA.	EMPLOYED IN OTHER FIELD IN PA.	EMPLOYED IN OTHER FIELD OUTSIDE PA.	EMPLOYED PART TIME	UNEMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY	POST-GRAD STATUS UNKNOWN
LETTERS												
1502 LITERATURE, ENGLISH	#	41	5	7	6	2	1	1	7	0	0	12
	%		17.2	24.1	20.7	6.9	3.4	3.4	24.1	.0	.0	
1504 CLASSICS	#	9	0	0	0	2	0	0	4	0	1	2
	%		.0	.0	.0	28.6	.0	.0	57.1	.0	14.3	
1505 LINGUISTICS	#	3	0	0	1	0	1	0	1	0	0	0
	%		.0	.0	33.3	.0	33.3	.0	33.3	.0	.0	
1506 SPEECH, DEBATE & FORENSIC SCIENCE	#	54	5	10	6	7	1	2	7	0	0	16
	%		13.2	26.3	15.8	18.4	2.6	5.3	18.4	.0	.0	
1507 CREATIVE WRITING	#	7	2	1	0	0	0	0	1	0	0	3
	%		50.0	25.0	.0	.0	.0	.0	25.0	.0	.0	
1509 PHILOSOPHY	#	86	2	5	6	11	2	6	25	0	4	25
	%		3.3	8.2	9.8	18.0	3.3	9.8	41.0	.0	6.6	
1510 RELIGIOUS STUDIES	#	146	23	20	18	10	6	7	22	0	2	38
	%		21.3	18.5	16.7	9.3	5.6	6.5	20.4	.0	1.9	
1599 OTHER	#	36	4	12	4	4	0	4	0	0	0	8
	%		14.3	42.9	14.3	14.3	.0	14.3	.0	.0	.0	
*TOTAL LETTERS		832	103	96	82	60	39	78	151	1	17	205
LIBRARY SCIENCE												
1601 LIBRARY SCIENCE, GENERAL	#	3	2	0	0	0	1	0	0	0	0	0
	%		66.7	.0	.0	.0	33.3	.0	.0	.0	.0	
*TOTAL LIBRARY SCIENCE		3	2	0	0	0	1	0	0	0	0	0

TABLE 11.3 (continued)

DETAILED DEGREE FIELD EMPLOYMENT STATUS FOR BACCALAUREATE DEGREE RECIPIENTS FROM THE PRIVATE INSTITUTIONS IN PENNSYLVANIA, 1982

		TOTAL	EMPLOYED IN FIELD PREPARED IN PA.	EMPLOYED IN FIELD PREPARED OUTSIDE PA.	EMPLOYED IN OTHER FIELD IN PA.	EMPLOYED IN OTHER FIELD OUTSIDE PA.	EMPLOYED PART TIME	UNEMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY	POST-GRAD STATUS UNKNOWN
MATHEMATICS												
1701 MATHEMATICS, GENERAL	#	223	62	48	15	1	2	11	37	0	3	44
	%		34.6	26.8	8.4	.6	1.1	6.1	20.7	.0	1.7	
1703 APPLIED MATHEMATICS	#	49	9	19	0	0	0	1	4	0	1	15
	%		26.5	55.9	.0	.0	.0	2.9	11.8	.0	2.9	
1799 OTHER	#	6	2	4	0	0	0	0	0	0	0	0
	%		33.3	66.7	.0	.0	.0	.0	.0	.0	.0	
*TOTAL MATHEMATICS		278	73	71	15	1	2	12	41	0	4	59
PHYSICAL SCIENCES												
1901 PHYSICAL SCIENCES,GENERAL	#	18	5	1	2	0	0	1	7	0	1	1
	%		29.4	5.9	11.8	.0	.0	5.9	41.2	.0	5.9	
1902 PHYSICS, GENERAL	#	95	13	13	1	1	0	5	35	3	3	21
	%		17.6	17.6	1.4	1.4	.0	6.8	47.3	4.1	4.1	
1904 NUCLEAR PHYSICS	#	15	0	1	1	3	0	0	4	1	0	5
	%		.0	10.0	10.0	30.0	.0	.0	40.0	10.0	.0	
1905 CHEMISTRY, GENERAL	#	360	47	46	9	4	8	25	169	6	6	40
	%		14.7	14.4	2.8	1.2	2.5	7.8	52.8	1.9	1.9	
1911 ASTRONOMY	#	1	0	1	0	0	0	0	0	0	0	0
	%		.0	100.0	.0	.0	.0	.0	.0	.0	.0	
1914 GEOLOGY	#	72	3	3	6	3	1	11	34	0	3	8
	%		4.7	4.7	9.4	4.7	1.6	17.2	53.1	.0	4.7	

TABLE 11.3 (continued)

DETAILED DEGREE FIELD EMPLOYMENT STATUS FOR BACCALAUREATE DEGREE RECIPIENTS FROM THE PRIVATE INSTITUTIONS IN PENNSYLVANIA, 1982

		TOTAL	EMPLOYED IN FIELD IN PA.	EMPLOYED IN PREPARED FIELD OUTSIDE PA.	EMPLOYED IN OTHER FIELD IN PA.	EMPLOYED IN OTHER FIELD OUTSIDE PA.	EMPLOYED PART TIME	UNEMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY	POST-GRAD STATUS UNKNOWN
PHYSICAL SCIENCES												
1917 EARTH SCIENCES, GENERAL	#	6	2	1	0	0	0	0	2	1	0	9
	%		33.3	16.7	.0	.0	.0	.0	33.3	16.7	.0	
1999 OTHER	#	1	0	0	0	0	0	0	1	0	0	0
	%		.0	.0	.0	.0	.0	.0	100.0	.0	.0	
*TOTAL PHYSICAL SCIENCES		568	70	66	19	11	9	42	252	11	13	75
PSYCHOLOGY												
2001 PSYCHOLOGY, GENERAL	#	725	111	53	77	44	23	80	154	11	13	159
	%		19.6	9.4	13.6	7.8	4.1	14.1	27.2	1.9	2.3	
2004 PSYCHOLOGY FOR COUNSELING	#	21	4	3	0	1	1	2	4	0	1	5
	%		25.0	18.8	.0	6.3	6.3	12.5	25.0	.0	6.3	
2010 PSYSIOLOGICAL PSYCHOLOGY	#	3	2	0	0	0	0	0	0	0	1	0
	%		66.7	.0	.0	.0	.0	.0	.0	.0	33.3	
2099 OTHER	#	38	12	3	5	1	4	4	3	0	1	5
	%		36.4	9.1	15.2	3.0	12.1	12.1	9.1	.0	3.0	
*TOTAL PSYCHOLOGY		787	129	59	82	46	28	86	161	11	16	169
PUBLIC AFFAIRS AND SERVICES												
2101 COMMUNITY SERVICES, GENERAL	#	3	0	0	0	0	1	0	0	0	0	2
	%		.0	.0	.0	.0	100.0	.0	.0	.0	.0	

TABLE 11.3 (continued)

DETAILED DEGREE FIELD EMPLOYMENT STATUS FOR BACCALAUREATE DEGREE RECIPIENTS FROM THE PRIVATE INSTITUTIONS IN PENNSYLVANIA, 1982

		TOTAL	EMPLOYED IN FIELD PREPARED IN PA.	EMPLOYED IN FIELD PREPARED OUTSIDE PA.	EMPLOYED IN OTHER FIELD IN PA.	EMPLOYED IN OTHER FIELD OUTSIDE PA.	EMPLOYED PART TIME	UNEMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY	POST-GRAD STATUS UNKNOWN
PUBLIC AFFAIRS AND SERVICES												
2102 PUBLIC ADMINISTRATION	#	71	6	3	9	5	7	8	12	0	1	20
	%		11.8	5.9	17.6	9.8	13.7	15.7	23.5	.0	2.0	
2103 PARKS AND RECREATION MANAGEMENT	#	26	9	4	2	5	0	3	0	0	0	3
	%		39.1	17.4	8.7	21.7	.0	13.0	.0	.0	.0	
2104 SOCIAL WORK AND HELP SERVICES	#	227	80	20	11	12	8	22	36	0	3	35
	%		41.7	10.4	5.7	6.3	4.2	11.5	18.8	.0	1.6	
2105 LAW ENFORCEMENT & CORRECTIONS	#	195	37	23	25	9	11	15	16	1	0	58
	%		27.0	16.8	18.2	6.6	8.0	10.9	11.7	.7	.0	
2199 OTHER	#	30	12	1	1	0	3	4	1	0	1	7
	%		52.2	4.3	4.3	.0	13.0	17.4	4.3	.0	4.3	
*TOTAL PUBLIC AFFAIRS AND SERVICES		552	144	51	48	31	30	52	65	1	5	125
SOCIAL SCIENCES												
2201 SOCIAL SCIENCES, GENERAL	#	69	15	8	7	5	2	18	5	1	2	6
	%		23.8	12.7	11.1	7.9	3.2	28.6	7.9	1.6	3.2	
2202 ANTHROPOLOGY	#	18	0	2	2	2	0	5	5	0	1	1
	%		.0	11.8	11.8	11.8	.0	29.4	29.4	.0	5.9	
2203 ARCHAEOLOGY	#	1	0	0	0	0	0	0	1	0	0	0
	%		.0	.0	.0	.0	.0	.0	100.0	.0	.0	
2204 ECONOMICS	#	592	128	105	35	20	5	64	119	6	18	92
	%		25.6	21.0	7.0	4.0	1.0	12.8	23.8	1.2	3.6	

TABLE 11.3 (continued)

DETAILED DEGREE FIELD EMPLOYMENT STATUS FOR BACCALAUREATE DEGREE RECIPIENTS FROM THE PRIVATE INSTITUTIONS IN PENNSYLVANIA, 1982

		TOTAL	EMPLOYED IN FIELD IN PA.	EMPLOYED IN PREPARED OUTSIDE PA.	EMPLOYED IN OTHER FIELD IN PA.	EMPLOYED IN OTHER FIELD OUTSIDE PA.	EMPLOYED PART TIME	UNEMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY	POST-GRAD STATUS UNKNOWN
SOCIAL SCIENCES												
2205 HISTORY	#	302	11	18	36	28	11	30	82	5	9	72
	%		4.8	7.8	15.7	12.2	4.8	13.0	35.7	2.2	3.9	
2206 GEOGRAPHY	#	7	0	0	1	0	0	0	1	0	0	5
	%		.0	.0	50.0	.0	.0	.0	50.0	.0	.0	
2207 POLITICAL SCIENCE AND GOVERNMENT	#	528	30	33	41	38	18	51	185	4	17	111
	%		7.2	7.9	9.8	9.1	4.3	12.2	44.4	1.0	4.1	
2208 SOCIOLOGY	#	265	39	27	29	19	10	22	65	3	16	35
	%		17.0	11.7	12.6	8.3	4.3	9.6	28.3	1.3	7.0	
2209 CRIMINOLOGY	#	35	11	0	1	1	5	9	7	1	0	0
	%		31.4	.0	2.9	2.9	14.3	25.7	20.0	2.9	.0	
2210 INTERNATIONAL RELATIONS	#	51	2	8	2	5	0	7	11	1	3	12
	%		5.1	20.5	5.1	12.8	.0	17.9	28.2	2.6	7.7	
2299 OTHER	#	69	8	7	3	8	6	5	23	1	1	7
	%		12.9	11.3	4.8	12.9	9.7	8.1	37.1	1.6	1.6	
*TOTAL SOCIAL SCIENCES		1937	244	208	157	126	57	211	504	22	67	341
THEOLOGY												
2301 THEOLOGICAL PROFESSIONS, GENERAL	#	55	9	16	3	3	2	0	13	1	1	7
	%		18.8	33.3	6.3	6.3	4.2	.0	27.1	2.1	2.1	
2302 RELIGIOUS MUSIC	#	9	5	1	1	0	0	0	2	0	0	0
	%		55.6	11.1	11.1	.0	.0	.0	22.2	.0	.0	

TABLE 11.3 (continued)

DETAILED DEGREE FIELD EMPLOYMENT STATUS FOR BACCALAUREATE DEGREE RECIPIENTS FROM THE PRIVATE INSTITUTIONS IN PENNSYLVANIA, 1982*

		TOTAL	EMPLOYED IN FIELD IN PA.	EMPLOYED IN FIELD PREPARED OUTSIDE PA.	EMPLOYED IN OTHER FIELD IN PA.	EMPLOYED IN FIELD OUTSIDE PA.	EMPLOYED PART TIME	UNEMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY	POST-GRAD STATUS UNKNOWN
THEOLOGY												
2304 RELIGIOUS EDUCATION	#	70	21	10	8	5	3	1	10	0	1	11
	%		35.6	16.9	13.6	8.5	5.1	1.7	16.9	.0	1.7	
2399 OTHER	#	8	0	1	1	0	1	0	4	0	0	1
	%		.0	14.3	14.3	.0	14.3	.0	57.1	.0	.0	
*TOTAL THEOLOGY		142	35	28	13	8	6	1	29	1	2	19
TOTAL		14123	3412	2095	798	529	461	1488	2440	114	213	2573

* PERCENTAGES MAY NOT ADD TO 100 DUE TO ROUNDING ERROR

TABLE 12.0

DETAILED DEGREE FIELD EMPLOYMENT STATUS FOR ASSOCIATE DEGREE RECIPIENTS FROM COMMUNITY COLLEGES, 1982*

		TOTAL	EMPLOYED IN FIELD IN PA.	EMPLOYED IN FIELD PREPARED OUTSIDE PA.	EMPLOYED IN OTHER FIELD IN PA.	EMPLOYED IN OTHER FIELD OUTSIDE PA.	EMPLOYED PART TIME	UNEMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY	POST-GRAD STATUS UNKNOWN
ARTS AND SCIENCE TRANSFERS												
5600 ARTS AND SCIENCE TRANSFERS	#	1290	89	6	127	3	63	47	342	4	86	523
	%		11.6	.8	16.6	.4	8.2	6.1	44.6	.5	11.2	
*TOTAL ARTS AND SCIENCE TRANSFERS		1290	89	6	127	3	63	47	342	4	86	523
BUSINESS AND COMMERCE TECHNOLOGIES												
5001 BUSINESS AND COMMERCE TECH., GENERAL	#	384	110	5	49	2	29	23	86	0	8	72
	%		35.3	1.6	15.7	.6	9.3	7.4	27.6	.0	2.6	
5002 ACCOUNTING TECH.	#	235	49	0	24	0	18	22	39	0	4	79
	%		31.4	.0	15.4	.0	11.5	14.1	25.0	.0	2.6	
5003 BANKING AND FINANCE TECH	#	17	2	0	1	0	0	2	2	0	1	9
	%		25.0	.0	12.5	.0	.0	25.0	25.0	.0	12.5	
5004 MARKETING, DISTRIBUTION, PURCHASING	#	312	60	5	28	0	29	18	30	1	12	129
	%		32.8	2.7	15.3	.0	15.8	9.8	16.4	.5	6.6	
5005 SECRETARIAL TECH.	#	330	145	3	10	1	25	22	16	0	9	99
	%		62.8	1.3	4.3	.4	10.8	9.5	6.9	.0	3.9	
5007 PHOTOGRAPHY TECH.	#	26	4	0	6	0	0	0	0	0	0	16
	%		40.0	.0	60.0	.0	.0	.0	.0	.0	.0	
5008 COMMUNICATIONS AND BROADCASTING TECH.	#	40	6	2	7	0	4	2	7	1	0	11
	%		20.7	6.9	24.1	.0	13.8	6.9	24.1	3.4	.0	
5009 PRINTING & LITHOGRAPHY TECH.	#	28	18	5	2	0	0	1	1	0	0	
	%		66.7	18.5	7.4	.0	.0	3.7	3.7	.0	.0	

TABLE 12.0 (continued)

DETAILED DEGREE FIELD EMPLOYMENT STATUS FOR ASSOCIATE DEGREE RECIPIENTS FROM COMMUNITY COLLEGES, 1982

		TOTAL	EMPLOYED IN FIELD PREPARED IN PA.	EMPLOYED IN FIELD PREPARED OUTSIDE PA.	EMPLOYED IN OTHER FIELD IN PA.	EMPLOYED IN OTHER FIELD OUTSIDE PA.	EMPLOYED PART TIME	UNEMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY	POST-GRAD STATUS UNKNOWN
BUSINESS AND COMMERCE TECHNOLOGIES												
5010 HOTEL & RESTAURANT MANAGEMENT TECH.	#	90	21	0	1	0	7	1	6	0	0	54
	%		58.3	.0	2.8	.0	19.4	2.8	16.7	.0	.0	
5011 TRANSPORATION & PUBLIC UTILITY TECH.	#	10	6	1	0	0	0	0	0	0	1	2
	%		75.0	12.5	.0	.0	.0	.0	.0	.0	12.5	
5012 APPLIED, GRAPHICS, AND FINE ARTS TECH.	#	97	12	1	6	1	4	10	31	0	4	28
	%		17.4	1.4	8.7	1.4	5.8	14.5	44.9	.0	5.8	
5099 OTHER	#	19	10	0	2	0	2	0	0	0	0	5
	%		71.4	.0	14.3	.0	14.3	.0	.0	.0	.0	
*TOTAL BUSINESS AND COMMERCE TECHNOLOGIES		1588	443	22	136	4	118	101	218	2	39	505
DATA PROCESSING TECHNOLOGIES												
5101 DATA PROCESSING, TECHNOLOGIES, GENERAL	#	293	90	7	37	0	28	30	33	1	13	54
	%		37.7	2.9	15.5	.0	11.7	12.6	13.8	.4	5.4	
5102 KEYPUNCH OPERATOR AND OTHER	#	29	13	0	3	0	1	8	1	0	1	2
	%		48.1	.0	11.1	.0	3.7	29.6	3.7	.0	3.7	
5103 COMPUTER PROGRAMMER TECHNOLOGIES	#	187	58	7	6	0	2	11	25	1	4	73
	%		50.9	6.1	5.3	.0	1.8	9.6	21.9	.9	3.5	
5104 COMPUTER OPERATOR	#	16	5	0	1	0	0	1	0	0	1	8
	%		62.5	.0	12.5	.0	.0	12.5	.0	.0	12.5	
5105 DATA PROCESSING EQUIP. MAINTENANCE TECH.	#	4	1	1	0	0	0	0	1	0	0	1
	%		33.3	33.3	.0	.0	.0	.0	33.3	.0	.0	
*TOTAL DATA PROCESSING TECHNOLOGIES		529	167	15	47	0	31	50	60	2	19	138

TABLE 12.0 (continued)

DETAILED DEGREE FIELD EMPLOYMENT STATUS FOR ASSOCIATE DEGREE RECIPIENTS FROM COMMUNITY COLLEGES, 1982

		TOTAL	EMPLOYED IN FIELD PREPARED IN PA.	EMPLOYED IN FIELD PREPARED OUTSIDE PA.	EMPLOYED OTHER IN FIELD IN PA.	EMPLOYED OTHER IN FIELD OUTSIDE PA.	EMPLOYED PART TIME	UNEMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY	POST-GRAD STATUS UNKNOWN
HEALTH SERVICES AND PARAMEDICAL TECHNOLOGIES												
5201 HEALTH SERVICES ASSISTANT TECHNOLOGIES	#	17	2	0	1	0	3	0	2	0	1	8
	%		22.2	.0	11.1	.0	33.3	.0	22.2	.0	11.1	
5202 DENTAL ASSISTANT TECH.	#	55	25	2	3	0	2	2	2	0	0	19
	%		69.4	5.6	8.3	.0	5.6	5.6	5.6	.0	.0	
5203 DENTAL HYGIENE TECH.	#	54	25	0	1	0	3	4	1	0	0	20
	%		73.5	.0	2.9	.0	8.8	11.8	2.9	.0	.0	
5205 MEDICAL OR BIOLOGICAL LABORATORY ASSISTA	#	65	26	1	0	0	4	1	3	0	2	28
	%		70.3	2.7	.0	.0	10.8	2.7	8.1	.0	5.4	
5207 RADIOLOGIC TECHNOLOGIES	#	36	19	0	0	0	1	0	0	0	0	16
	%		95.0	.0	.0	.0	5.0	.0	.0	.0	.0	
5208 NURSING, R. N.	#	536	292	4	0	0	31	9	9	0	8	183
	%		82.7	1.1	.0	.0	8.8	2.5	2.5	.0	2.3	
5209 NURSING, PRACTICAL L.P.N.	#	307	120	6	3	0	28	14	32	0	5	99
	%		57.7	2.9	1.4	.0	13.5	6.7	15.4	.0	2.4	
5210 OCCUPATIONAL THERAPY TECH.	#	21	12	3	1	0	3	0	2	0	0	0
	%		57.1	14.3	4.8	.0	14.3	.0	9.5	.0	.0	
5211 SURGICAL TECHNOLOGIES	#	11	2	0	0	0	2	0	2	0	0	5
	%		33.3	.0	.0	.0	33.3	.0	33.3	.0	.0	
5213 MEDICAL RECORD TECHNOLOGIES	#	36	3	0	1	0	6	1	0	0	1	24
	%		25.0	.0	8.3	.0	50.0	8.3	.0	.0	8.3	
5214 MEDICAL ASSISTAND & MEDICAL OFFICE ASSIS	#	139	37	1	10	0	18	11	6	0	1	55
	%		44.0	1.2	11.9	.0	21.4	13.1	7.1	.0	1.2	

TABLE 12.0 (continued)

DETAILED DEGREE FIELD EMPLOYMENT STATUS FOR ASSOCIATE DEGREE RECIPIENTS FROM COMMUNITY COLLEGES, 1982

		TOTAL	EMPLOYED IN FIELD PREPARED IN PA.	EMPLOYED IN FIELD PREPARED OUTSIDE PA.	EMPLOYED IN OTHER FIELD IN PA.	EMPLOYED IN OTHER FIELD OUTSIDE PA.	EMPLOYED PART TIME	UNEMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY	POST-GRAD STATUS UNKNOWN
HEALTH SERVICES AND PARAMEDICAL TECHNOLOGIES												
5215 INHALATION THERAPY TECH.	#	62	22	0	0	0	4	2	1	0	0	33
	%		75.9	.0	.0	.0	13.8	6.9	3.4	.0	.0	
5216 PSYCHIATRIC TECH.	#	90	8	0	2	0	4	7	5	0	0	64
	%		30.8	.0	7.7	.0	15.4	26.9	19.2	.0	.0	
5217 ELECTRO DIAGNOSTIC TECH	#	6	1	0	0	0	0	0	0	0	0	5
	%		100.0	.0	.0	.0	.0	.0	.0	.0	.0	
5219 PHYSICAL THERAPY TECH.	#	48	38	1	2	0	1	1	3	0	2	0
	%		79.2	2.1	4.2	.0	2.1	2.1	6.3	.0	4.2	
5299 OTHER	#	22	17	0	0	0	1	2	0	0	0	2
	%		85.0	.0	.0	.0	5.0	10.0	.0	.0	.0	
*TOTAL HEALTH SERVICES AND PARAMEDICAL TECHNOLOGIES		1505	649	18	24	0	111	54	68	0	20	561
MECHANICAL AND ENGINEERING TECHNOLOGIES												
5301 MECHANICAL & ENGINEERING TECH., GENERAL	#	43	4	0	2	0	1	2	20	0	1	13
	%		13.3	.0	6.7	.0	3.3	6.7	66.7	.0	3.3	
5303 ENGINEERING GRAPHICS	#	95	29	6	11	0	5	11	6	0	1	26
	%		42.0	8.7	15.9	.0	7.2	15.9	8.7	.0	1.4	
5304 ARCHITECTURAL DRAFTING TECH.	#	43	14	2	3	0	3	2	5	0	1	13
	%		46.7	6.7	10.0	.0	10.0	6.7	16.7	.0	3.3	
5305 CHEMICAL TECHNOLOGIES	#	28	12	1	1	0	3	0	3	1	0	7
	%		57.1	4.8	4.8	.0	14.3	.0	14.3	4.8	.0	

TABLE 12.0 (continued)

DETAILED DEGREE FIELD EMPLOYMENT STATUS FOR ASSOCIATE DEGREE RECIPIENTS FROM COMMUNITY COLLEGES, 1982

		TOTAL	EMPLOYED IN FIELD IN PA.	EMPLOYED IN PREPARED FIELD OUTSIDE PA.	EMPLOYED IN OTHER FIELD IN PA.	EMPLOYED IN OTHER FIELD OUTSIDE PA.	EMPLOYED PART TIME	UNEMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY	POST-GRAD STATUS UNKNOWN
MECHANICAL AND ENGINEERING TECHNOLOGIES												
5306 AUTOMOTIVE TECHNOLOGIES	#	40	22	1	4	0	0	2	5	0	0	6
	%		64.7	2.9	11.8	.0	.0	5.9	14.7	.0	.0	
5307 DIESEL TECHNOLOGIES	#	15	5	0	2	0	3	2	1	0	0	2
	%		38.5	.0	15.4	.0	23.1	15.4	7.7	.0	.0	
5308 WELDING TECHNOLOGIES	#	50	14	2	9	0	3	6	10	0	0	6
	%		31.8	4.5	20.5	.0	6.8	13.6	22.7	.0	.0	
5309 CIVIL TECHNOLOGIES	#	27	10	2	7	0	1	1	3	1	0	2
	%		40.0	8.0	28.0	.0	4.0	4.0	12.0	4.0	.0	
5310 ELECTRONICS & MACHINE TECH.	#	176	45	20	15	0	11	10	26	3	3	43
	%		33.8	15.0	11.3	.0	8.3	7.5	19.5	2.3	2.3	
5311 ELECTROMECHANICAL TECH.	#	22	14	3	2	0	0	0	2	0	0	1
	%		66.7	14.3	9.5	.0	.0	.0	9.5	.0	.0	
5312 INDUSTRIAL TECH.	#	30	3	0	3	0	1	1	3	0	0	19
	%		27.3	.0	27.3	.0	9.1	9.1	27.3	.0	.0	
5315 MECHANICALTECH.	#	52	18	5	5	1	2	2	7	2	0	10
	%		42.9	11.9	11.9	2.4	4.8	4.8	16.7	4.8	.0	
5316 NUCLEAR TECH.	#	3	0	0	0	0	0	1	1	1	0	0
	%		.0	.0	.0	.0	.0	33.3	33.3	33.3	.0	
5317 CONSTRUCTION AND BUILDING TECH.	#	117	40	3	10	0	4	7	5	2	1	45
	%		55.6	4.2	13.9	.0	5.6	9.7	6.9	2.8	1.4	
5399 OTHER	#	31	9	0	4	0	3	0	3	0	0	12
	%		47.4	.0	21.1	.0	15.8	.0	15.8	.0	.0	

TABLE 12.0 (continued)

DETAILED DEGREE FIELD EMPLOYMENT STATUS FOR ASSOCIATE DEGREE RECIPIENTS FROM COMMUNITY COLLEGES, 1982

		TOTAL	EMPLOYED IN FIELD IN PA.	EMPLOYED IN FIELD PREPARED OUTSIDE PA.	EMPLOYED IN OTHER FIELD IN PA.	EMPLOYED IN FIELD OUTSIDE PA.	EMPLOYED PART TIME	UNEMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY	POST-GRAD STATUS UNKNOWN
*TOTAL MECHANICAL AND ENGINEERING TECHNOLOGIES		772	239	45	78	1	40	47	100	10	7	205
NATURAL SCIENCE TECHNOLOGIES												
5401 NATURAL SCIENCE TECH.	#	4	1	0	1	0	0	0	2	0	0	0
	%		25.0	.0	25.0	.0	.0	.0	50.0	.0	.0	
5402 AGRICULTURE TECH.	#	6	4	0	0	0	1	0	0	0	0	1
	%		80.0	.0	.0	.0	20.0	.0	.0	.0	.0	
5403 FORESTRY AND WILDLIFE TECH.	#	24	6	3	6	0	0	1	6	0	0	2
	%		27.3	13.6	27.3	.0	.0	4.5	27.3	.0	.0	
5404 FOOD SERVICE TECH.	#	63	29	7	2	0	5	3	5	0	3	9
	%		53.7	13.0	3.7	.0	9.3	5.6	9.3	.0	5.6	
5407 LABORATORY TECH., GENERAL	#	11	7	0	0	0	0	0	2	0	1	1
	%		70.0	.0	.0	.0	.0	.0	20.0	.0	10.0	
5408 SANITATION AND PUBLIC HEALTH INSP. TECH.	#	4	0	0	0	0	0	0	2	0	0	2
	%		.0	.0	.0	.0	.0	.0	100.0	.0	.0	
5499 OTHER	#	43	15	1	5	1	0	5	8	0	0	8
	%		42.9	2.9	14.3	2.9	.0	14.3	22.9	.0	.0	
*TOTAL NATURAL SCIENCE TECHNOLOGIES		155	62	11	14	1	6	9	25	0	4	23
PUBLIC SERVICE RELATED TECHNOLOGIES												
5501 PUBLIC SERVICE TECH.,GENERAL	#	3	0	0	0	0	0	0	0	0	0	3
	%		.0	.0	.0	.0	.0	.0	.0	.0	.0	

TABLE 12.0 (continued)

DETAILED DEGREE FIELD EMPLOYMENT STATUS FOR ASSOCIATE DEGREE RECIPIENTS FROM COMMUNITY COLLEGES, 1982*

		TOTAL	EMPLOYED IN FIELD IN PA.	EMPLOYED IN FIELD PREPARED OUTSIDE PA.	EMPLOYED IN OTHER FIELD IN PA.	EMPLOYED IN OTHER FIELD OUTSIDE PA.	EMPLOYED PART TIME	UNEMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY	POST-GRAD STATUS UNKNOWN
PUBLIC SERVICE RELATED TECHNOLOGIES												
5503 EDUCATION TECH.	#	168	35	1	17	0	16	5	18	0	5	71
	%		36.1	1.0	17.5	.0	16.5	5.2	18.6	.0	5.2	
5504 LIBRARY ASSISTANT TECH.	#	5	2	0	0	0	0	0	0	0	1	2
	%		66.7	.0	.0	.0	.0	.0	.0	.0	33.3	
5505 POLICE, LAW ENFORCEMENT, CORRECTIONS TEC	#	215	26	0	12	0	21	12	37	0	4	103
	%		23.2	.0	10.7	.0	18.8	10.7	33.0	.0	3.6	
5506 RECREATION AND SOCIAL WORK RELATED TECH.	#	40	3	0	1	0	2	1	15	0	1	17
	%		13.0	.0	4.3	.0	8.7	4.3	65.2	.0	4.3	
5507 FIRE CONTROL TECH.	#	36	10	0	5	1	1	0	4	0	0	15
	%		47.6	.0	23.8	4.8	4.8	.0	19.0	.0	.0	
5599 OTHER	#	26	6	0	1	0	3	3	7	0	0	6
	%		30.0	.0	5.0	.0	15.0	15.0	35.0	.0	.0	
*TOTAL PUBLIC SERVICE RELATED TECHNOLOGIES		493	82	1	36	1	43	21	81	0	11	217
TOTAL		6332	1731	118	462	10	412	329	894	18	186	2172

* PERCENTAGES MAY NOT ADD TO 100 DUE TO ROUNDING ERROR

TABLE 12.1

DETAILED DEGREE FIELD EMPLOYMENT STATUS FOR ASSOCIATE DEGREE RECIPIENTS FROM PROPRIETARY INSTITUTIONS*

		TOTAL	EMPLOYED IN FIELD IN PA.	EMPLOYED IN FIELD PREPARED OUTSIDE PA.	EMPLOYED OTHER IN PA.	EMPLOYED IN FIELD OUTSIDE PA.	EMPLOYED PART TIME	UNEMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY	POST-GRAD STATUS UNKNOWN
BUSINESS AND COMMERCE TECHNOLOGIES												
5001 BUSINESS AND COMMERCE TECH., GENERAL	#	19	9	0	1	0	1	2	0	0	6	0
	%		47.4	.0	5.3	.0	5.3	10.5	.0	.0	31.6	
5002 ACCOUNTING TECH.	#	240	123	11	8	1	7	20	38	2	9	21
	%		56.2	5.0	3.7	.5	3.2	9.1	17.4	.9	4.1	
5004 MARKETING, DISTRIBUTION, PURCHASING	#	103	48	30	5	2	0	6	4	0	7	1
	%		47.1	29.4	4.9	2.0	.0	5.9	3.9	.0	6.9	
5005 SECRETARIAL TECH.	#	336	270	7	4	1	5	18	2	0	23	6
	%		81.8	2.1	1.2	.3	1.5	5.5	.6	.0	7.0	
5006 PERSONAL SERVICE TECH.	#	15	8	0	1	0	0	0	0	0	2	4
	%		72.7	.0	9.1	.0	.0	.0	.0	.0	18.2	
5007 PHOTOGRAPHY TECH.	#	43	13	7	2	0	0	17	2	1	0	1
	%		31.0	16.7	4.8	.0	.0	40.5	4.8	2.4	.0	
5008 COMMUNICATIONS AND BROADCASTING TECH.	#	7	1	2	2	0	0	0	2	0	0	0
	%		14.3	28.6	28.6	.0	.0	.0	28.6	.0	.0	
5011 TRANSPORATION & PUBLIC UTILITY TECH.	#	34	15	5	10	1	0	1	0	0	1	1
	%		45.5	15.2	30.3	3.0	.0	3.0	.0	.0	3.0	
5012 APPLIED, GRAPHICS, AND FINE ARTS TECH.	#	218	87	42	14	11	0	33	11	0	5	15
	%		42.9	20.7	6.9	5.4	.0	16.3	5.4	.0	2.5	
5099 OTHER	#	24	17	2	4	0	0	0	0	0	0	1
	%		73.9	8.7	17.4	.0	.0	.0	.0	.0	.0	
*TOTAL BUSINESS AND COMMERCE TECHNOLOGIES		1039	591	106	51	16	13	97	59	3	53	50

TABLE 12.1 (continued)

DETAILED DEGREE FIELD EMPLOYMENT STATUS FOR ASSOCIATE DEGREE RECIPIENTS FROM PROPRIETARY INSTITUTIONS

		TOTAL	EMPLOYED IN FIELD IN PA.	EMPLOYED IN PREPARED FIELD OUTSIDE PA.	EMPLOYED IN OTHER FIELD IN PA.	EMPLOYED IN FIELD OUTSIDE PA.	EMPLOYED PART TIME	UNEMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY	POST-GRAD STATUS UNKNOWN
DATA PROCESSING TECHNOLOGIES												
5101 DATA PROCESSING, TECHNOLOGIES, GENERAL	#	58	31	2	7	1	1	8	3	0	3	2
	%		55.4	3.6	12.5	1.8	1.8	14.3	5.4	.0	5.4	
5102 KEYPUNCH OPERATOR AND OTHER	#	104	54	5	4	0	2	20	4	3	12	0
	%		51.9	4.8	3.8	.0	1.9	19.2	3.8	2.9	11.5	
5103 COMPUTER PROGRAMMER TECHNOLOGIES	#	17	6	0	4	0	0	4	1	1	1	0
	%		35.3	.0	23.5	.0	.0	23.5	5.9	5.9	5.9	
*TOTAL DATA PROCESSING TECHNOLOGIES		179	91	7	15	1	3	32	8	4	16	2
HEALTH SERVICES AND PARAMEDICAL TECHNOLOGIES												
5204 DENTAL LABORATORY TECH.	#	20	13	0	0	2	0	0	0	1	0	4
	%		81.3	.0	.0	12.5	.0	.0	.0	6.3	.0	
5205 MEDICAL OR BIOLOGICAL LABORATORY ASSISTA	#	20	10	1	1	0	0	0	1	0	3	4
	%		62.5	6.3	6.3	.0	.0	.0	6.3	.0	18.8	
5207 RADIOLOGIC TECHNOLOGIES	#	4	3	0	0	0	0	0	0	0	1	0
	%		75.0	.0	.0	.0	.0	.0	.0	.0	25.0	
5211 SURGICAL TECHNOLOGIES	#	8	6	2	0	0	0	0	0	0	0	0
	%		75.0	25.0	.0	.0	.0	.0	.0	.0	.0	
5212 OPTICAL TECH.	#	5	5	0	0	0	0	0	0	0	0	0
	%		100.0	.0	.0	.0	.0	.0	.0	.0	.0	
5213 MEDICAL RECORD TECHNOLOGIES	#	4	4	0	0	0	0	0	0	0	0	0
	%		100.0	.0	.0	.0	.0	.0	.0	.0	.0	

TABLE 12.1 (continued)

DETAILED DEGREE FIELD EMPLOYMENT STATUS FOR ASSOCIATE DEGREE RECIPIENTS FROM PROPRIETARY INSTITUTIONS

		TOTAL	EMPLOYED IN FIELD IN PA.	EMPLOYED IN PREPARED FIELD OUTSIDE PA.	EMPLOYED IN OTHER FIELD IN PA.	EMPLOYED IN OTHER FIELD OUTSIDE PA.	EMPLOYED PART TIME	UNEMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY	POST-GRAD STATUS UNKNOWN
HEALTH SERVICES AND PARAMEDICAL TECHNOLOGIES												
5214 MEDICAL ASSISTAND & MEDICAL OFFICE ASSIS	#	107	76	1	4	1	2	4	2	1	15	1
	%		71.7	.9	3.8	.9	1.9	3.8	1.9	.9	14.2	
5299 OTHER	#	15	6	8	0	0	0	0	0	1	0	0
	%		40.0	53.3	.0	.0	.0	.0	.0	6.7	.0	
*TOTAL HEALTH SERVICES AND PARAMEDICAL TECHNOLOGIES		183	123	12	5	3	2	4	3	3	19	9
MECHANICAL AND ENGINEERING TECHNOLOGIES												
5301 MECHANICAL & ENGINEERING TECH., GENERAL	#	1	1	0	0	0	0	0	0	0	0	0
	%		100.0	.0	.0	.0	.0	.0	.0	.0	.0	
5302 AERONAUTICAL AND AVIATION TECH.	#	328	13	153	16	13	0	111	11	8	3	0
	%		4.0	46.6	4.9	4.0	.0	33.8	3.4	2.4	.9	
5303 ENGINEERING GRAPHICS	#	76	45	12	11	0	1	5	1	0	0	1
	%		60.0	16.0	14.7	.0	1.3	6.7	1.3	.0	.0	
5304 ARCHITECTURAL DRAFTING TECH.	#	190	78	27	9	0	3	58	4	2	7	2
	%		41.5	14.4	4.8	.0	1.6	30.9	2.1	1.1	3.7	
5305 CHEMICAL TECHNOLOGIES	#	1	1	0	0	0	0	0	0	0	0	0
	%		100.0	.0	.0	.0	.0	.0	.0	.0	.0	
5306 AUTOMOTIVE TECHNOLOGIES	#	16	15	0	0	0	0	1	0	0	0	0
	%		93.8	.0	.0	.0	.0	6.3	.0	.0	.0	
5308 WELDING TECHNOLOGIES	#	4	0	2	1	0	0	0	1	0	0	0
	%		.0	50.0	25.0	.0	.0	.0	25.0	.0	.0	

TABLE 12.1 (continued)

DETAILED DEGREE FIELD EMPLOYMENT STATUS FOR ASSOCIATE DEGREE RECIPIENTS FROM PROPRIETARY INSTITUTIONS

		TOTAL	EMPLOYED IN FIELD PREPARED IN PA.	EMPLOYED IN FIELD PREPARED OUTSIDE PA.	EMPLOYED IN OTHER FIELD IN PA.	EMPLOYED IN OTHER FIELD OUTSIDE PA.	EMPLOYED PART TIME	UNEMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY	POST-GRAD STATUS UNKNOWN
MECHANICAL AND ENGINEERING TECHNOLOGIES												
5309 CIVIL TECHNOLOGIES	#	5	0	5	0	0	0	0	0	0	0	0
	%		.0	100.0	.0	.0	.0	.0	.0	.0	.0	
5310 ELECTRONICS & MACHINE TECH.	#	460	186	110	7	0	1	137	7	6	6	0
	%		40.4	23.9	1.5	.0	.2	29.8	1.5	1.3	1.3	
5311 ELECTROMECHANICAL TECH.	#	47	16	22	7	0	0	2	0	0	0	0
	%		34.0	46.8	14.9	.0	.0	4.3	.0	.0	.0	
5314 INSTRUMENTATION TECH.	#	31	14	0	2	0	0	10	0	0	0	5
	%		53.8	.0	7.7	.0	.0	38.5	.0	.0	.0	
5315 MECHANICALTECH.	#	36	22	14	0	0	0	0	0	0	0	0
	%		61.1	38.9	.0	.0	.0	.0	.0	.0	.0	
5317 CONSTRUCTION AND BUILDING TECH.	#	164	96	14	14	0	1	33	4	1	0	1
	%		58.9	8.6	8.6	.0	.6	20.2	2.5	.6	.0	
5399 OTHER	#	59	13	20	6	0	0	13	1	0	6	0
	%		22.0	33.9	10.2	.0	.0	22.0	1.7	.0	10.2	
*TOTAL MECHANICAL AND ENGINEERING TECHNOLOGIES		1418	500	379	73	13	6	370	29	17	22	9
NATURAL SCIENCE TECHNOLOGIES												
5499 OTHER	#	13	2	0	5	0	0	5	0	0	1	0
	%		15.4	.0	38.5	.0	.0	38.5	.0	.0	7.7	
*TOTAL NATURAL SCIENCE TECHNOLOGIES		13	2	0	5	0	0	5	0	0	1	0

TABLE 12.1 (continued)

DETAILED DEGREE FIELD EMPLOYMENT STATUS FOR ASSOCIATE DEGREE RECIPIENTS FROM PROPRIETARY INSTITUTIONS*

		TOTAL	EMPLOYED IN FIELD PREPARED IN PA.	EMPLOYED IN FIELD PREPARED OUTSIDE PA.	EMPLOYED OTHER IN FIELD IN PA.	EMPLOYED OTHER IN FIELD OUTSIDE PA.	EMPLOYED PART TIME	UNEMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY	POST-GRAD STATUS UNKNOWN
PUBLIC SERVICE RELATED TECHNOLOGIES												
5599 OTHER	#	16	11	5	0	0	0	0	0	0	0	0
	%		68.8	31.3	.0	.0	.0	.0	.0	.0	.0	
*TOTAL PUBLIC SERVICE RELATED TECHNOLOGIES		16	11	5	0	0	0	0	0	0	0	0
TOTAL		2848	1318	589	149	33	24	508	99	27	111	70

* PERCENTAGES MAY NOT ADD TO 100 DUE TO ROUNDING ERROR

TABLE 12.2

DETAILED DEGREE FIELD EMPLOYMENT STATUS FOR ASSOCIATE DEGREE RECIPIENTS FROM FOUR-YEAR COLLEGES AND UNIVERSITIES*

		TOTAL	EMPLOYED IN FIELD PREPARED IN PA.	EMPLOYED IN FIELD PREPARED OUTSIDE PA.	EMPLOYED OTHER IN FIELD IN PA.	EMPLOYED OTHER IN FIELD OUTSIDE PA.	EMPLOYED PART TIME	UNEMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY	POST-GRAD STATUS UNKNOWN
ARTS AND SCIENCE TRANSFERS												
5600 ARTS AND SCIENCE TRANSFERS	#	63	9	1	5	1	0	0	25	0	4	18
	%		20.0	2.2	11.1	2.2	.0	.0	55.6	.0	8.9	
5601 OTHER	#	300	18	1	25	1	12	17	70	0	16	140
	%		11.2	.6	15.6	.6	7.5	10.6	43.8	.0	10.0	
*TOTAL ARTS AND SCIENCE TRANSFERS		363	27	2	30	2	12	17	95	0	20	158
BUSINESS AND COMMERCE TECHNOLOGIES												
5001 BUSINESS AND COMMERCE TECH., GENERAL	#	311	60	2	19	1	17	30	73	0	2	107
	%		29.4	1.0	9.3	.5	8.3	14.7	35.8	.0	1.0	
5002 ACCOUNTING TECH.	#	36	11	2	0	0	0	10	3	0	0	10
	%		42.3	7.7	.0	.0	.0	38.5	11.5	.0	.0	
5004 MARKETING, DISTRIBUTION, PURCHASING	#	48	15	1	1	0	0	2	1	0	0	28
	%		75.0	5.0	5.0	.0	.0	10.0	5.0	.0	.0	
5005 SECRETARIAL TECH.	#	118	80	10	1	0	0	15	2	0	0	10
	%		74.1	9.3	.9	.0	.0	13.9	1.9	.0	.0	
5008 COMMUNICATIONS AND BROADCASTING TECH.	#	25	3	0	1	0	2	2	9	0	0	8
	%		17.6	.0	5.9	.0	11.8	11.8	52.9	.0	.0	
5010 HOTEL & RESTAURANT MANAGEMENT TECH.	#	13	2	0	1	0	0	1	1	0	0	8
	%		40.0	.0	20.0	.0	.0	20.0	20.0	.0	.0	
5099 OTHER	#	38	10	0	4	0	4	4	4	0	0	12
	%		38.5	.0	15.4	.0	15.4	15.4	15.4	.0	.0	
*TOTAL BUSINESS AND COMMERCE TECHNOLOGIES		589	181	15	27	1	23	64	93	0	2	183

TABLE 12.2 (continued)

DETAILED DEGREE FIELD EMPLOYMENT STATUS FOR ASSOCIATE DEGREE RECIPIENTS FROM FOUR-YEAR COLLEGES AND UNIVERSITIES

		TOTAL	EMPLOYED IN FIELD PREPARED IN PA.	EMPLOYED IN FIELD PREPARED OUTSIDE PA.	EMPLOYED OTHER IN PA.	EMPLOYED IN FIELD OUTSIDE PA.	EMPLOYED PART TIME	UNEMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY	POST-GRAD STATUS UNKNOWN
DATA PROCESSING TECHNOLOGIES												
5101 DATA PROCESSING, TECHNOLOGIES, GENERAL	#	8	2	0	0	1	0	0	1	0	0	4
	%		50.0	.0	.0	25.0	.0	.0	25.0	.0	.0	
5103 COMPUTER PROGRAMMER TECHNOLOGIES	#	185	37	20	8	1	7	28	36	0	2	46
	%		26.6	14.4	5.8	.7	5.0	20.1	25.9	.0	1.4	
*TOTAL DATA PROCESSING TECHNOLOGIES		193	39	20	8	2	7	28	37	0	2	50
HEALTH SERVICES AND PARAMEDICAL TECHNOLOGIES												
5205 MEDICAL OR BIOLOGICAL LABORATORY ASSISTA	#	47	30	5	0	0	0	1	10	0	0	1
	%		65.2	10.9	.0	.0	.0	2.2	21.7	.0	.0	
5207 RADIOLOGIC TECHNOLOGIES	#	52	35	2	0	1	3	1	1	0	1	8
	%		79.5	4.5	.0	2.3	6.8	2.3	2.3	.0	2.3	
5208 NURSING, R. N.	#	186	116	11	0	0	2	0	57	0	0	0
	%		62.4	5.9	.0	.0	1.1	.0	30.6	.0	.0	
5209 NURSING, PRACTICAL L.P.N.	#	28	26	0	1	0	0	0	0	0	1	0
	%		92.9	.0	3.6	.0	.0	.0	.0	.0	3.6	
5213 MEDICAL RECORD TECHNOLOGIES	#	6	4	1	0	0	0	0	0	0	0	1
	%		80.0	20.0	.0	.0	.0	.0	.0	.0	.0	
5214 MEDICAL ASSISTAND & MEDICAL OFFICE ASSIS	#	46	12	9	1	1	0	5	3	0	0	15
	%		38.7	29.0	3.2	3.2	.0	16.1	9.7	.0	.0	
5215 INHALATION THERAPY TECH.	#	55	40	4	0	0	3	0	2	0	0	6
	%		81.6	8.2	.0	.0	6.1	.0	4.1	.0	.0	

TABLE 12.2 (continued)

DETAILED DEGREE FIELD EMPLOYMENT STATUS FOR ASSOCIATE DEGREE RECIPIENTS FROM FOUR-YEAR COLLEGES AND UNIVERSITIES

		TOTAL	EMPLOYED IN FIELD IN PA.	EMPLOYED IN PREPARED FIELD OUTSIDE PA.	EMPLOYED IN OTHER FIELD IN PA.	EMPLOYED IN OTHER FIELD OUTSIDE PA.	EMPLOYED PART TIME	UNEMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY	POST-GRAD STATUS UNKNOWN
HEALTH SERVICES AND PARAMEDICAL TECHNOLOGIES												
5216 PSYCHIATRIC TECH.	#	11	2	0	1	0	0	0	8	0	0	0
	%		18.2	.0	9.1	.0	.0	.0	72.7	.0	.0	
5299 OTHER	#	39	19	6	1	0	1	1	2	0	0	9
	%		63.3	20.0	3.3	.0	3.3	3.3	6.7	.0	.0	
*TOTAL HEALTH SERVICES AND PARAMEDICAL TECHNOLOGIES		470	284	38	4	2	9	8	83	0	2	40
MECHANICAL AND ENGINEERING TECHNOLOGIES												
5301 MECHANICAL & ENGINEERING TECH., GENERAL	#	260	31	25	11	1	3	31	76	1	0	81
	%		17.3	14.0	6.1	.6	1.7	17.3	42.5	.6	.0	
5304 ARCHITECTURAL DRAFTING TECH.	#	45	4	1	1	1	3	9	13	0	0	13
	%		12.5	3.1	3.1	3.1	9.4	28.1	40.6	.0	.0	
5305 CHEMICAL TECHNOLOGIES	#	23	7	1	2	0	0	5	3	0	0	5
	%		38.9	5.6	11.1	.0	.0	27.8	16.7	.0	.0	
5309 CIVIL TECHNOLOGIES	#	54	11	3	8	0	4	5	5	1	0	17
	%		29.7	8.1	21.6	.0	10.8	13.5	13.5	2.7	.0	
5310 ELECTRONICS & MACHINE TECH.	#	18	3	1	1	0	0	1	2	0	0	10
	%		37.5	12.5	12.5	.0	.0	12.5	25.0	.0	.0	
5312 INDUSTRIAL TECH.	#	52	9	1	4	0	1	11	5	0	0	21
	%		29.0	3.2	12.9	.0	3.2	35.5	16.1	.0	.0	
5315 MECHANICALTECH.	#	5	2	1	0	0	0	0	0	0	0	2
	%		66.7	33.3	.0	.0	.0	.0	.0	.0	.0	

TABLE 12.2 (continued)

DETAILED DEGREE FIELD EMPLOYMENT STATUS FOR ASSOCIATE DEGREE RECIPIENTS FROM FOUR-YEAR COLLEGES AND UNIVERSITIES

		TOTAL	EMPLOYED IN FIELD IN PA.	EMPLOYED IN FIELD PREPARED OUTSIDE PA.	EMPLOYED IN OTHER FIELD IN PA.	EMPLOYED IN FIELD OUTSIDE PA.	EMPLOYED PART TIME	UNEMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY	POST-GRAD STATUS UNKNOWN
MECHANICAL AND ENGINEERING TECHNOLOGIES												
5316 NUCLEAR TECH.	#	6	1	1	0	0	0	2	0	0	0	2
	%		25.0	25.0	.0	.0	.0	50.0	.0	.0	.0	
5317 CONSTRUCTION AND BUILDING TECH.	#	39	3	1	0	2	1	3	15	0	1	13
	%		11.5	3.8	.0	7.7	3.8	11.5	57.7	.0	3.8	
5399 OTHER	#	412	77	52	18	3	2	44	74	6	1	135
	%		27.8	18.8	6.5	1.1	.7	15.9	26.7	2.2	.4	
*TOTAL MECHANICAL AND ENGINEERING TECHNOLOGIES		914	148	87	45	7	14	111	193	8	2	299
NATURAL SCIENCE TECHNOLOGIES												
5402 AGRICULTURE TECH.	#	53	13	3	2	1	4	1	4	0	0	25
	%		46.4	10.7	7.1	3.6	14.3	3.6	14.3	.0	.0	
5403 FORESTRY AND WILDLIFE TECH.	#	90	6	3	13	2	3	4	30	0	0	29
	%		9.8	4.9	21.3	3.3	4.9	6.6	49.2	.0	.0	
5499 OTHER	#	1	0	0	0	0	0	0	0	0	0	1
	%		.0	.0	.0	.0	.0	.0	.0	.0	.0	
*TOTAL NATURAL SCIENCE TECHNOLOGIES		144	19	6	15	3	7	5	34	0	0	55
PUBLIC SERVICE RELATED TECHNOLOGIES												
5501 PUBLIC SERVICE TECH.,GENERAL	#	24	6	0	1	0	0	2	3	0	1	11
	%		46.2	.0	7.7	.0	.0	15.4	23.1	.0	7.7	

TABLE 12.2 (continued)

DETAILED DEGREE FIELD EMPLOYMENT STATUS FOR ASSOCIATE DEGREE RECIPIENTS FROM FOUR-YEAR COLLEGES AND UNIVERSITIES*

		TOTAL	EMPLOYED IN FIELD PREPARED IN PA.	EMPLOYED IN FIELD PREPARED OUTSIDE PA.	EMPLOYED OTHER IN FIELD IN PA.	EMPLOYED OTHER IN FIELD OUTSIDE PA.	EMPLOYED PART TIME	UNEMPLOYED	PURSUING ADVANCED DEGREE	MILITARY SERVICE	OTHER ACTIVITY	POST-GRAD STATUS UNKNOWN
PUBLIC SERVICE RELATED TECHNOLOGIES												
5503 EDUCATION TECH.	#	1	1	0	0	0	0	0	0	0	0	0
	%		100.0	.0	.0	.0	.0	.0	.0	.0	.0	
5505 POLICE, LAW ENFORCEMENT, CORRECTIONS TEC	#	41	6	0	3	0	2	1	4	0	0	25
	%		37.5	.0	18.8	.0	12.5	6.3	25.0	.0	.0	
5506 RECREATION AND SOCIAL WORK RELATED TECH.	#	20	4	0	1	0	1	1	2	0	1	10
	%		40.0	.0	10.0	.0	10.0	10.0	20.0	.0	10.0	
5599 OTHER	#	22	5	1	3	0	0	2	4	0	1	6
	%		31.3	6.3	18.8	.0	.0	12.5	25.0	.0	6.3	
*TOTAL PUBLIC SERVICE RELATED TECHNOLOGIES		108	22	1	8	0	3	6	13	0	3	52
TOTAL		2781	720	169	137	17	75	239	548	8	31	837

* PERCENTAGES MAY NOT ADD TO 100 DUE TO ROUNDING ERROR